

ALLEGATO A

UNIVERSITÀ DEGLI STUDI DI MILANO

Procedura di selezione per la chiamata a professore di I fascia da ricoprire ai sensi dell'art. 24, comma 6, della Legge n. 240/2010 per il settore concorsuale 06/E1 - Chirurgia Cardio-Toraco-Vascolare, (settore scientifico-disciplinare MED/22 - Chirurgia Vascolare) presso il Dipartimento di Scienze Cliniche e di Comunità, Codice concorso 4690

Santi Trimarchi **CURRICULUM VITAE**

INFORMAZIONI PERSONALI

COGNOME	TRIMARCHI
NOME	SANTI
DATA DI NASCITA	14-4-1965

TITOLI

TITOLO DI STUDIO

(indicare la Laurea conseguita inserendo titolo, Ateneo, data di conseguimento, ecc.)

Laurea in Medicina e Chirurgia, Università degli Studi di Messina, 5-4-1995, 110/110 cum laude
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TITOLO DI DOTTORE DI RICERCA O EQUIVALENTI, OVVERO, PER I SETTORI INTERESSATI, DEL DIPLOMA DI SPECIALIZZAZIONE MEDICA O EQUIVALENTE, CONSEGUITO IN ITALIA O ALL'ESTERO

(inserire titolo, ente, data di conseguimento, ecc.)

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| <ol style="list-style-type: none">1. Specializzazione in Chirurgia Vascolare, Università degli Studi di Milano, 7-7-1995, 70/70 cum laude.2. Dottorato di Ricerca sulle Dissezioni Acute dell'Aorta, Università di Utrecht - Olanda 3-5-2012. |
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ALTRI TITOLI CONSEGUITI

(inserire titolo, ente, data di conseguimento, ecc.)

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| <ol style="list-style-type: none">1. Professore Associato di Chirurgia Vascolare -Università degli Studi di Milano, dal 7-1-2015.2. Direttore della Scuola di Specializzazione in Chirurgia Vascolare, Università degli Studi di Milano, dal 1-10-2016.3. Abilitazione Scientifica Nazionale a professore di I Fascia, Settore Scientifico-Disciplinare Med/22 Chirurgia Vascolare, settore concorsuale 06/E1 - Chirurgia Cardio-Toraco-Vascolare, 27-7-2017.4. Master in Endovascular Technologies (MET), Università di Milano Bicocca, 30-9-2008.5. Global Clinical Scholars Research Training Program (GCSRT), Harvard Medical School, Boston USA, 14-6-2014. |
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ATTIVITÀ DIDATTICA

INSEGNAMENTI E MODULI

(inserire anno accademico, corso laurea, numero di ore frontali, eventuale CFU)

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| <ol style="list-style-type: none">1. Dal 01-09-2006 al 30-09-2016: Docente a contratto gratuito - Università degli Studi di Milano - Corso di Laurea in Medicina e Chirurgia - 5° anno - Clinica Chirurgica e Terapia Chirurgica - MED/22 -, lezioni frontali.2. Dal 01-03-2008 al 30-09-2013: Docente a contratto gratuito - Università degli Studi di Milano - Corso di Laurea in Medicina e Chirurgia - 3° anno - 2° semestre - Semeiotica e Patologia degli apparati 1° MED/18 -lezioni frontali. |
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3. Dal 01-10-2008 al 30-06-2016: Docente a contratto gratuito - Università degli Studi di Milano - Scuola di Specializzazione in Ortopedia - MED/22 - 2° anno - lezioni frontali.
4. Dal 01-10-2009 al 01-03-2016: Docente a contratto gratuito - Università degli Studi di Milano - Facoltà di Medicina e Chirurgia - 6° anno - 1° Semestre - Corso di Urgenze ed Emergenze Medico Chirurgiche - MED/18.
5. AA 2015-2016: Professore Associato - Università degli Studi di Milano - Corso di Laurea in di Medicina e Chirurgia - Compito didattico totale 4 ore, suddiviso nei seguenti corsi:
 - Polo Centrale (Classe LM-41) San Donato; 6° anno; Urgenze ed Emergenze Medico-Chirurgiche MED/09; CFU modulo 1; Ore modulo 8; Carico Didattico 4.
6. AA 2015-2016: Professore Associato - Università degli Studi di Milano - Scuole di Specializzazione - Compito didattico totale 135 ore, suddiviso nei seguenti insegnamenti:
 - Scuola di Specializzazione in Cardiocirurgia; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Cardiocirurgia-vecchio ordinamento; 4° anno; CFU 1; ore assegnate 8;
 - Scuola di Specializzazione in Chirurgia Toracica; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Toracica-vecchio ordinamento; 4° anno; CFU 1; ore assegnate 8;
 - Scuola di Specializzazione in Chirurgia Vascolare; 1°-5° anno; CFU complessivi 30; ore assegnate 84;
 - Scuola di Specializzazione in Ortopedia e Traumatologia; 3° anno; CFU 1; ore assegnate 8;
 - Scuola di Specializzazione in Ortopedia e Traumatologia-vecchio ordinamento; 3° anno; CFU 1; ore assegnate 5;
7. AA 2016-2017: Professore Associato - Università degli Studi di Milano - Corso di Laurea in di Medicina e Chirurgia - Compito didattico totale 27 ore, suddiviso nei seguenti corsi:
 - Polo Centrale (Classe LM-41) San Donato; 5° anno; Clinica Chirurgica e Terapia chirurgica (att. prof.) MED/22; CFU modulo 1; Ore modulo 15; Compito Didattico 10;
 - Polo Centrale (Classe LM-41) San Donato; 6° anno; Urgenze ed Emergenze Medico-Chirurgiche MED/18; CFU 1; Ore modulo 8; Compito didattico 2;
 - Polo San Paolo (Classe LM-41); 5° anno; Clinica chirurgica att. prof. MED/22; CFU 1; Ore modulo 15; Compito didattico 15.
8. AA 2016-2017: Professore Associato - Università degli Studi di Milano - Scuole di Specializzazione - Compito didattico totale 170 ore, suddiviso nei seguenti insegnamenti:
 - Scuola di Specializzazione in Cardiocirurgia; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Cardiocirurgia-vecchio ordinamento; 4° anno; CFU 1; ore assegnate 8;
 - Scuola di Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica; 4° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica-vecchio ordinamento; 4° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Toracica; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Vascolare; 1°-5° anno; CFU complessivi 34; ore assegnate 124;
 - Scuola di Specializzazione in Ortopedia e Traumatologia; 3° anno; CFU 1; ore assegnate 4;
9. AA 2017-2018: Professore Associato - Università degli Studi di Milano - Corso di Laurea in Medicina e Chirurgia - Compito didattico totale 17 ore, suddiviso nei seguenti corsi:
 - Polo Centrale (Classe LM-41) San Donato; 5° anno; Clinica Chirurgica e Terapia Chirurgica (att. prof.) MED/22; CFU 1; Ore modulo 15; Compito didattico 10;
 - Polo Centrale (Classe LM-41) San Donato; 6° anno; Urgenze ed Emergenze Medico Chirurgiche MED/18; CFU 1; Ore modulo 8; Compito didattico 2;
 - Polo San Paolo (Classe LM-41) 5° anno; Clinica chirurgica (att. prof.) MED/22; CFU 1; Ore modulo 15; Compito didattico 15.
10. AA 2017-2018: Professore Associato - Università degli Studi di Milano - Scuole di Specializzazione - Compito didattico totale 198.5 ore, suddiviso nei seguenti insegnamenti:
 - Scuola di Specializzazione in Cardiocirurgia; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Generale; 2° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica; 4° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Toracica; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Vascolare; 1°-5° anno; CFU complessivi 34; ore assegnate 134;
 - Scuola di Specializzazione in Malattie dell'Apparato cardiovascolare; 2° anno; CFU 0.5; ore assegnate 7.5;
 - Scuola di Specializzazione in Neurochirurgia; 5° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Ortopedia e Traumatologia; 3° anno; CFU 1; ore assegnate 4;
 - Scuola di Specializzazione in Reumatologia; 3° anno; CFU 0.5; ore assegnate 4;
11. AA 2018-2019: Professore Associato - Università degli Studi di Milano - Corso di Laurea in Medicina e Chirurgia - Compito didattico totale 21, suddiviso nei seguenti corsi:
 - International Medical School (Classe LM-41); 5° anno; Traslatonal cardiovascular medicine and surgery MED/22; CFU 1; Ore Modulo 8; Compito didattico 4;
 - Polo Centrale (Classe LM-41) Linea: San Donato - 6° anno - Urgenze ed Emergenze Medico-Chirurgiche MED/18; CFU 1 - Ore Modulo 8 - Compito didattico 2.
 - Polo San Paolo (Classe LM-41); 5° anno; Clinica chirurgica (att. prof.) MED/22; CFU 1; Ore modulo 15; Compito didattico 15.
12. AA 2018-2019: Professore Associato - Università degli Studi di Milano - Scuole di Specializzazione - Compito didattico totale 193 ore, suddiviso nei seguenti insegnamenti:
 - Scuola di Specializzazione in Cardiocirurgia; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Generale; 2° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica; 4° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Toracica; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Vascolare; 1°-5° anno; CFU complessivi 34; ore assegnate 134;
 - Scuola di Specializzazione in Malattie dell'Apparato cardiovascolare; 2° anno; CFU 0.5; ore assegnate 4;
 - Scuola di Specializzazione in Neurochirurgia; 5° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Ortopedia e Traumatologia; 3° anno; CFU 1; ore assegnate 4;
 - Scuola di Specializzazione in Reumatologia; 3° anno; CFU 0.5; ore assegnate 2;
13. AA 2019-2020: Professore Associato - Università degli studi di Milano - Corso di Laurea in Medicina e Chirurgia - Compito didattico totale 41, suddiviso nei seguenti corsi:
 - International Medical School (Classe LM-41); 5° anno; Traslatonal cardiovascular medicine and surgery MED/22; CFU modulo 1;

- Ore modulo 12; Compito didattico 6;
 - International Medical School (Classe LM-41); 5° anno; Traslatonal cardiovascular medicine and surgery (clerkship) MED/22; CFU Modulo 1; Ore Modulo 25; Compito didattico 25;
 - Polo Centrale (Classe LM-41) Linea: Policlinico; 5° anno; Clinica chirurgica e terapia chirurgica MED/18; CFU Modulo 5; Ore Modulo 64 - Compito didattico 8;
 - Polo Centrale (Classe LM-41) Linea: San Donato; 6° anno; Urgenze ed emergenze medico chirurgiche MED/18; CFU modulo 1; Ore modulo 8; Compito didattico 2;
14. AA 2019-2020: Professore Associato - Università degli Studi di Milano - Scuole di Specializzazione - Compito didattico totale 174 ore, suddiviso nei seguenti insegnamenti:
 - Scuola di Specializzazione in Cardiocirurgia; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Generale; 2° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Plastica, Ricostruttiva ed Estetica; 4° anno; CFU 0.5; ore assegnate 2;
 - Scuola di Specializzazione in Chirurgia Toracica; 1° anno; CFU 1; ore assegnate 15;
 - Scuola di Specializzazione in Chirurgia Vascolare; 1°-5° anno; CFU complessivi 34; ore assegnate 130;
 - Scuola di Specializzazione in Malattie dell'Apparato cardiovascolare; 2° anno; CFU 0.5; ore assegnate 4;
 - Scuola di Specializzazione in Ortopedia e Traumatologia; 3° anno; CFU 1; ore assegnate 4;
 - Scuola di Specializzazione in Reumatologia; 3° anno; CFU 0.5; ore assegnate 2;
15. AA 2020-2021: Professore Associato - Università degli studi di Milano - Corso di Laurea in Medicina e Chirurgia - Compito didattico totale 35, suddiviso nei seguenti corsi:
 - International Medical School (Classe LM-41); 5° anno; Traslatonal cardiovascular medicine and surgery MED/22; CFU modulo 1; Ore modulo 12; Compito didattico 6;
 - International Medical School (Classe LM-41); 5° anno; Traslatonal cardiovascular medicine and surgery (clerkship) MED/22; CFU modulo 1; Ore modulo 25; Compito didattico 25;
 - Polo Centrale (Classe LM-41) Linea: Policlinico; 5° anno; Clinica chirurgica e terapia chirurgica MED/18; CFU modulo 5; Ore modulo 48; Compito didattico 4;

ATTIVITÀ DI DIDATTICA INTEGRATIVA E DI SERVIZIO AGLI STUDENTI

ATTIVITÀ DI RELATORE DI ELABORATI DI LAUREA, DI TESI DI LAUREA MAGISTRALE, DI TESI DI DOTTORATO E DI TESI DI SPECIALIZZAZIONE

(inserire anno accademico, ateneo, corso laurea, ecc.)

Relatore di Tesi di Laurea Specialistica a Ciclo Unico - CDS D51 - Medicina e Chirurgia - Università degli Studi di Milano:

1. AA 2014-2015; Matricola studente: 770840; Titolo tesi: La terapia chirurgica come possibile alternativa a quella farmacologica nei cardiopatici congeniti adulti (GUCH) affetti da scompenso cardiaco cronico.
2. AA 2017-2018; Matricola studente: 772074; Titolo della tesi: Geometrical and hemodynamic reappraisal for endovascular repair of the aortic arch: a validation study.
3. AA 2017-2018; Matricola studente: 800109; Titolo della tesi: Potential anatomic risk factors for type B aortic dissection: an experimental model based on CFD analysis.
4. AA 2018-2019; Matricola studente: 841144; Titolo della tesi: Analysis of thoracic endovascular aneurysm repair (TEVAR) using new generation devices: an experimental study protocol for cost-effectiveness evaluation.

Relatore di Tesi di Specializzazione - CDS 135 e 985 - Chirurgia Vascolare - Università degli Studi di Milano:

1. AA 2014-2015; Matricola studente: S57938; Titolo tesi: Placca aterosclerotica carotidea: analisi immunoistochimica della neoangiogenesi e dell'infiltrato infiammatorio.
2. AA 2015-2016; Matricola studente: S58622; Titolo della Tesi: Il ruolo dell'embolizzazione intraoperatoria della sacca aneurismatica con coils durante EVAR nella prevenzione dell'endoleak tipo 2.
3. AA 2016-2017; Matricola studente: S59384; Titolo della tesi: Outcome del trattamento endovascolare ed ibrido delle lesioni aorto iliache TASC C e D.
4. AA 2016-2017; Matricola studente: S59342; Titolo della tesi: La sorveglianza delle fistole arterovenose per emodialisi nell'era endovascolare.
5. AA 2016-2017; Matricola studente: S59344; Titolo della tesi: Endovascular treatment in blunt thoracic aortic injuries: a 20 year experience in a single center.
6. AA 2016-2017; Matricola studente: S59161; Titolo della tesi: Trattamento endovascolare dell'aorta toraco-addominale in urgenza con CHIMPS.
7. AA 2016-2017; Matricola studente: S59190; Titolo della tesi: L'ischemia midollare nella chirurgia endovascolare dell'aorta. Analisi delle conoscenze attuali e prospettive future.
8. AA 2016-2017; Matricola studente: S59726; Titolo della tesi: Macrophage-derived netrin-1 promotes abdominal aortic aneurysms by activating MMP3 in vascular smooth muscle cells.
9. AA 2016-2017; Matricola studente: S59324; Titolo della tesi: trattamento chirurgico della patologia carotidea in acuto: approccio multidisciplinare.
10. AA 2016-2017; Matricola studente: S60915; Titolo della tesi: results of open aortic arch treatment in a ten year single center series.
11. AA 2016-2017; Matricola studente: S59231; Titolo della tesi: Il ruolo delle IFU nel successo di un impianto endovascolare: esperienza monocentrica ed analisi della letteratura su Nellix.
12. AA 2017-2018; Matricola studente: S59937; Titolo della tesi: Predittori di recidiva ecografica, clinica e sintomatologia dopo termoablazione mediante radiofrequenza della vena grande safena.
13. AA 2017-2018; Matricola studente: S60007; Titolo della tesi: Il trattamento multidisciplinare delle malformazioni arterovenose: esperienza su 300 casi.
14. AA 2017-2018; Matricola studente: S59844; Titolo della tesi: Traumi penetranti della carotide esperienza monocentrica di un Trauma Center sudafricano di primo livello.
15. AA 2017-2018; Matricola studente: S59872; Titolo della tesi: EVAS (Endovascular Aneurysm Sealing): la nostra esperienza e le prospettive future.

16. AA 2017-2018; Matricola studente: S5975; Titolo della tesi: Studio monocentrico retrospettivo non randomizzato sul trattamento dell'infezione protesica aorto-iliaca con allotrapianti criococonservati.
17. AA 2018-2019; Matricola studente: S60671; Titolo della tesi: Esperienza multicentrica nell'utilizzo di graft criopreservati per le rivascolarizzazioni periferiche.
18. AA 2018-2019; Matricola studente: S60594; Titolo della tesi: Neo-aortoiliac system per il trattamento delle infezioni protesiche aortiche: risultati in una casistica monocentrica.
19. AA 2018-2019; Matricola studente: S60485; Titolo della tesi: Trattamento chirurgico ed endovascolare degli aneurismi coinvolgenti l'arteria iliaca: risultati a distanza.
20. AA 2018-2019; Matricola studente: S60767; Titolo della tesi: Trattamento endovascolare degli aneurismi micotici: analisi del registro multicentrico GORE GREAT.
21. AA 2018-2019; Matricola studente: S60611; Titolo della tesi: Follow-up a lungo termine nella sindrome di Klippel-Trenaunay: transizione dall'età pediatrica all'età adulta. Studio descrittivo osservazionale in una casistica monocentrica.
22. AA 2018-2019; Matricola studente: S60688; Titolo della tesi: TEA carotidea in pazienti asintomatici: individuazione ed analisi comparativa degli score di rischio in una casistica multicentrica.
23. AA 2018-2019; Matricola studente: S60581; Titolo della tesi: Early outcomes of Viabahn Balloon-Expandable stent-graft as bridging stent in complex endovascular aortic aneurysm repair: focus on aortic and bridging stent-graft remodeling in BEVAR.
24. AA 2018-2019; Università degli Studi di Milano; Tesi di Specializzazione - CDS 98S - Chirurgia Vascolare; Matricola studente: S60495; Titolo della tesi: La fibrinolisi nella trombosi degli accessi da emodialisi.

Promoter / Co-promoter di Tesi di Dottorato di Ricerca - Università di Utrecht (Olanda):

1. 03-04-2014. Jip L. Tolenaar. Predictors of Outcome in Acute Type B Aortic Dissection. Promoter: FL Moll; Co-Promoters: S Trimarchi; JA Van Heerwarden.
2. 24-04-2015. Guido Hw Van Bogerijen. Advancements in The Endovascular Management of Thoracic Aortic Pathologies. Promoter: FL Moll; Co-Promoters: S Trimarchi; JA Van Heerwarden.
3. 01-09-2016. Foeke JH Nauta. Biomechanical and Clinical Studies in Endovascular Aortic Repair. Promoter: FL Moll; Co-Promoters: S Trimarchi; JA Van Heerwarden.
4. 20-04-2017. Arnoud V. Kamman. Clinical Studies In Risk Stratification & Therapy Of Thoracic Aortic Disease. Promoter: FL Moll; Co-Promoters: S Trimarchi; JA Van Heerwarden.
5. 11-04-2019. Theodorus Marinus Johannes Diederik Van Bakel. Computational Modeling of Hemodynamics For Surgical Planning And Device Development. Promoter: FL Moll; Co-Promoters: JA Van Heerwarden; S Trimarchi.
6. 20-09-2018. Hector De Beaufort. Flow Dynamics and endovascular repair of the aorta. Promoter: FL Moll; Co-promoters: S Trimarchi, JA Van Heerwarden.
7. 16-04-2020; Viony Maria Belvory-Morphometric analyses to study risk factors in thoracic aortic diseases. Promoters: FL Moll, S Trimarchi; Co-promoter: JA Van Heerwarden.

ATTIVITÀ DI TUTORATO DEGLI STUDENTI DI CORSI DI LAUREA E DI LAUREA MAGISTRALE E DI TUTORATO DI DOTTORANDI DI RICERCA

(inserire anno accademico, corso laurea, ecc.)

1. Dal 01-05-2007 al 30-06-2015 - Mansioni di tutore nell'ambito dell'attività pratica di reparto - Università degli Studi di Milano - Facoltà di Medicina e Chirurgia - 4° anno del corso di Laurea Magistrale a Ciclo Unico.
2. Dal 01-10-2009 al 18-09-2014 - Mansioni di tutore - Università degli Studi di Milano - Scuola di Specializzazione in Chirurgia Vascolare.
3. Dal 2010 Mansioni di tutore di dottorandi di ricerca presso Università di Utrecht (Olanda).

SEMINARI

(inserire titolo del seminario, luogo, data, ecc.)

1. Lecture: Perspectives from the International Registry of Aortic Dissection (IRAD). Yale Thoracic Aortic Center - Yale University - New Haven (USA) - 18-12-2008.
2. Lecture: Treatment of Aortic Dissection - University of Michigan (USA) - 14-10-2009.
3. Lecture: Il registro IRAD. Seminari Lombardi di Chirurgia Vascolare. Brescia, 12-05-2010.
4. Visiting Professor - Surgery Grand Rounds: Acute Aortic Dissections: Evidences from the IRAD (International Registry of Acute Aortic Dissection University of Virginia - Charlottesville - VA (USA) 30-03-2011.
5. Visiting professor - Cardiology Grand Rounds: Update on Aortic Dissection - Massachusetts General Hospital, Harvard Medical School, Boston, MA, (USA) 10-09-2014.
6. Lectio magistralis: aortic dissection. Università di Messina. 22-07-2016.
7. Visiting Professor - Grand round lecture: does the Does uncomplicated type B aortic dissection exist? Predictors of aortic Remodeling - Cleveland Clinic - Heart and Vascular Institute - Cleveland, Ohio (USA), 11-01-2017.
8. Visiting Professor - Grand round lecture: Update on aortic dissection - Beth Israel Deaconess Medical Center - Harvard Medical School, Boston MA (USA) - 15-3-2017.
9. Visiting Professor - Vascular Surgery Teaching Conference: Update on Acute Type B Dissection. University of Chicago (USA) 29-04-2021.
10. Coordinatore sino oggi dei Seminari Lombardi di Chirurgia Vascolare dalla VIII edizione (2016), Attualmente XII edizione.

ATTIVITÀ DI RICERCA SCIENTIFICA

PUBBLICAZIONI SCIENTIFICHE

(per ciascuna pubblicazione indicare: nomi degli autori, titolo completo, casa editrice, data e luogo di pubblicazione, codice ISBN, ISSN, DOI o altro equivalente)

Pubblicazioni su riviste indicizzate 21-6-2021: 244 PubMed (10 ahead of print); H-Index: 47-Scopus; 44-WOS.

1. Lemma F, Lazzara S, Lorenzini C, Rizzo AG, Trovato M, Trimarchi S, D'Anna F. Utilità della citodiagnostica nelle lesioni non palpabili della mammella [The usefulness of cytodiagnosis in nonpalpable breast lesions]. *Minerva Chir.* 1991 Jun 15;46(11):599-603. Italian. PMID: 1944975.
2. Giordanengo F, Pizzocari P, Rampoldi V, Trimarchi S, De Monti M, Giuffrida GF. Gli pseudoaneurismi anastomotici non infetti a sede femorale. Contributo clinico [Femoral non-infected anastomotic pseudoaneurysm. Clinical contribution]. *Minerva Chir.* 1992 May 15;47(9):823-9. Italian. PMID: 1620476.
3. Bortolani EM, Ghilardi G, Pizzocari P, Coppini P, Longhi F, Trimarchi S. Chirurgia della carotide: morfologia della placca e correlazioni cliniche [Surgery of the carotid: the morphology of plaque and the clinical correlations]. *Minerva Cardioangiol.* 1992 Oct;40(10):369-74. Italian. PMID: 1488135.
4. Giuffrida GF, Trimarchi S, Miani S, Lovaria A, Giorgetti PL, Giordanengo F. Chirurgia ricostruttiva dell'aorta sottorenale con vena cava inferiore sinistroposta. Caso clinico e revisione della letteratura [Reconstructive surgery of the abdominal aorta in a case of left-positioned inferior vena cava. Clinical case and review of the literature]. *Minerva Cardioangiol.* 1993 Jan-Feb;41(1-2):43-7. Italian. PMID: 8451029.
5. Ghilardi G, De Monti M, Longhi F, Trimarchi S, Bortolani E. Prevalenza del kinking carotideo in una popolazione residente. Risultati parziali del programma OPI (Obiettivo Prevenzione Ictus) [Prevalence of carotid kinking in a resident population. Partial results of the OPI (Objective Prevention of Ictus)]. *Minerva Cardioangiol.* 1993 Apr;41(4):129-32. Italian. PMID: 8332268.
6. Giordanengo F, Trimarchi S, Franch L, Rampoldi V, Miani S. Gli aneurismi infiammatori dell'aorta sottorenale. Aspetti istopatologici, diagnostici e terapeutici [Inflammatory aneurysms of the subrenal aorta. Histopathological, diagnostic and therapeutic aspects]. *Minerva Cardioangiol.* 1994 Jul-Aug;42(7-8):351-7. Italian. PMID: 7970029.
7. Rampoldi V, Arpesani A, Giorgetti PL, Rignano A, Trimarchi S, Conti D, Ruberti U. Ruptured aneurysms of the thoracoabdominal aorta: a case series. *Panminerva Med.* 1995 Sep;37(3):123-8. PMID: 8869366.
8. Giordanengo F, Vandone PL, Trimarchi S, Zaniboni N, Miani S. Ruptured aneurysm of the internal iliac artery. *Panminerva Med.* 1995 Sep;37(3):150-4. PMID: 8869373.
9. Vandone PL, Tolva V, Trimarchi S, Rampoldi V, Giuffrida GF, Bortolani EM. La profilassi delle infezioni in chirurgia cardiovascolare [Infection prophylaxis in cardiovascular surgery]. *Minerva Chir.* 1998 May;53(5):397-403. Italian. PMID: 9780631.
10. Rampoldi V, Trimarchi S, Tolva V, Righini P. Proximal pseudoaneurysm of ascending-abdominal aortic bypass. *Eur J Cardiothorac Surg.* 2001 Apr;19(4):531-3. doi: 10.1016/s1010-7940(01)00633-9. PMID: 11306330.
11. Sangiorgi G, D'Averio R, Mauriello A, Bondio M, Pontillo M, Castelveccchio S, Trimarchi S, Tolva V, Nano G, Rampoldi V, Spagnoli LG, Inglese L. Plasma levels of metalloproteinases-3 and -9 as markers of successful abdominal aortic aneurysm exclusion after endovascular graft treatment. *Circulation.* 2001 Sep 18;104(12 Suppl 1):I288-95. doi: 10.1161/hc37t1.094596. PMID: 11568071.
12. Rampoldi V, Righini P, Trimarchi S, Tolva V, Bonandrini L. Single sTAGe repair of symptomatic type IV thoracoabdominal aortic and iliac aneurysm in Behçet's disease. Case report. *J Cardiovasc Surg (Torino).* 2001 Oct;42(5):691-4. PMID: 11562603.
13. Bossone E, Rampoldi V, Nienaber CA, Trimarchi S, Ballotta A, Cooper JV, Smith DE, Eagle KA, Mehta RH; International Registry of Acute Aortic Dissection (IRAD) Investigators. Usefulness of pulse deficit to predict in-hospital complications and mortality in patients with acute type A aortic dissection. *Am J Cardiol.* 2002 Apr 1;89(7):851-5. doi: 10.1016/s0002-9149(02)02198-7. PMID: 11909573.
14. Rampoldi V, Trimarchi S, Tolva V, Righini P. Acute type A aortic dissection and coarctation of aortic isthmus. *J Cardiovasc Surg (Torino).* 2002 Oct;43(5):701-3. PMID: 12386588.
15. SuzUKi T, Mehta RH, Ince H, Nagai R, Sakomura Y, Weber F, Sumiyoshi T, Bossone E, Trimarchi S, Cooper JV, Smith DE, Isselbacher EM, Eagle KA, Nienaber CA; International Registry of Aortic Dissection. Clinical profiles and outcomes of acute type B aortic dissection in the current era: lessons from the International Registry of Aortic Dissection (IRAD). *Circulation.* 2003 Sep 9;108 Suppl 1:II312-7. doi: 10.1161/01.cir.0000087386.07204.09. PMID: 12970252.
16. Rampoldi V, Trimarchi S, Righini P, Tolva V, Inglese L. Open aortic surgical repair for left hemi-arch stent-graft failure. *Ann Thorac Surg.* 2004 Sep;78(3):1075-8. Doi: 10.1016/j.athoracsurg.2004.03.047. PMID: 15337055.
17. Trimarchi S, Nienaber CA, Rampoldi V, Myrmel T, SuzUKi T, Mehta RH, Bossone E, Cooper JV, Smith DE, Menicanti L, Frigiola A, Oh JK, Deeb MG, Isselbacher EM, Eagle KA; International Registry of Acute Aortic Dissection Investigators. Contemporary results of surgery in acute type A aortic dissection: The International Registry of Acute Aortic Dissection experience. *J Thorac Cardiovasc Surg.* 2005 Jan;129(1):112-22. doi: 10.1016/j.jtcvs.2004.09.005. PMID: 15632832.
18. Bonavina L, Lupattelli T, Bona D, Trimarchi S, Nano G, Rampoldi V, Inglese L. Bronchoesophageal fistula after endovascular repair of ruptured aneurysm of the descending thoracic aorta. *J Vasc Surg.* 2005 Apr;41(4):712-4. doi: 10.1016/j.jvs.2005.01.041. PMID: 15874938.
19. MUKherjee D, Evangelista A, Nienaber CA, Sechtem U, SuzUKi T, Trimarchi S, Llovet A, Myrmel T, O'Gara PT, Fang J, Cooper JV, Oh JK, Januzzi JL, Hutchison S, Fattori R, Pape LA, Isselbacher EM, Eagle KA. Implications of periaortic hematoma in patients with acute aortic dissection (from the International Registry of Acute Aortic Dissection). *Am J Cardiol.* 2005 Dec 15;96(12):1734-8. doi: 10.1016/j.amjcard.2005.07.098. Epub 2005 Nov 2. PMID: 16360367.
20. Rampoldi V, Trimarchi S. Aortic bulboplasty in acute type A aortic dissection. *J Cardiovasc Surg (Torino).* 2006 Feb;47(1):79-81. PMID: 16434951.
21. Sangiorgi G, Trimarchi S, Mauriello A, Righini P, Bossone E, SuzUKi T, Rampoldi V, Eagle KA. Plasma levels of metalloproteinases-9 and -2 in the acute and subacute phases of type A and type B aortic dissection. *J Cardiovasc Med (Hagerstown).* 2006 May;7(5):307-15. Doi: 10.2459/01.JCM.0000223251.26988.c5. PMID: 16645407.
22. Sangiorgi G, Mauriello A, Bonanno E, Oxvig C, Conover CA, Christiansen M, Trimarchi S, Rampoldi V, Holmes DR Jr, Schwartz RS, Spagnoli LG. Pregnancy-associated plasma protein-a is markedly expressed by monocyte-macrophage cells in

- vulnerable and ruptured carotid atherosclerotic plaques: a link between inflammation and cerebrovascular events. *J Am Coll Cardiol*. 2006 Jun 6;47(11):2201-11. doi: 10.1016/j.jacc.2005.11.086. Epub 2006 May 15. PMID: 16750685.
23. Tsai TT, Evangelista A, Nienaber CA, Trimarchi S, Sechtem U, Fattori R, Myrmet T, Pape L, Cooper JV, Smith DE, Fang J, Isselbacher E, Eagle KA; International Registry of Acute Aortic Dissection (IRAD). Long-term survival in patients presenting with type A acute aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). *Circulation*. 2006 Jul 4;114(1 Suppl):I350-6. doi: 10.1161/CIRCULATIONAHA.105.000497. PMID: 16820599.
 24. Trimarchi S, Nienaber CA, Rampoldi V, Myrmet T, SuzUKi T, Bossone E, Tolva V, Deeb MG, Upchurch GR Jr, Cooper JV, Fang J, Isselbacher EM, Sundt TM 3rd, Eagle KA; IRAD Investigators. Role and results of surgery in acute type B aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). *Circulation*. 2006 Jul 4;114(1 Suppl):I357-64. Doi: 10.1161/CIRCULATIONAHA.105.000620. PMID: 16820600.
 25. Tsai TT, Fattori R, Trimarchi S, Isselbacher E, Myrmet T, Evangelista A, Hutchison S, Sechtem U, Cooper JV, Smith DE, Pape L, Froehlich J, Raghupathy A, Januzzi JL, Eagle KA, Nienaber CA; International Registry of Acute Aortic Dissection. Long-term survival in patients presenting with type B acute aortic dissection: insights from the International Registry of Acute Aortic Dissection. *Circulation*. 2006 Nov 21;114(21):2226-31. doi: 10.1161/CIRCULATIONAHA.106.622340. Epub 2006 Nov 13. PMID: 17101856.
 26. Tolva V, Bertoni GB, Trimarchi S, Grassi V, Fusari M, Rampoldi V. Unreliability of depopulated bovine ureteric xenograft for infra inguinal bypass surgery: mid-term results from two vascular centres. *Eur J Vasc Endovasc Surg*. 2007 Feb;33(2):214-6. doi: 10.1016/j.ejvs.2006.10.007. Epub 2006 Nov 28. PMID: 17127082.
 27. Rampoldi V, Trimarchi S, Eagle KA, Nienaber CA, Oh JK, Bossone E, Myrmet T, Sangiorgi GM, De Vincentiis C, Cooper JV, Fang J, Smith D, Tsai T, Raghupathy A, Fattori R, Sechtem U, Deeb MG, Sundt TM 3rd, Isselbacher EM; International Registry of Acute Aortic Dissection (IRAD) Investigators. Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score. *Ann Thorac Surg*. 2007 Jan;83(1):55-61. doi: 10.1016/j.athoracsur.2006.08.007. PMID: 17184630.
 28. Bossone E, Di Benedetto G, Frigiola A, Carbone GL, Panza A, Cirri S, Ballotta A, Messina S, Rega S, Citro R, Trimarchi S, Fang J, Righini P, Distanto A, Eagle KA, Mehta RH. Valve surgery in octogenarians: in-hospital and long-term outcomes. *Can J Cardiol*. 2007 Mar 1;23(3):223-7. doi: 10.1016/s0828-282x(07)70749-3. PMID: 17347695; PMCID: PMC2647872.
 29. Bossone E, Evangelista A, Isselbacher E, Trimarchi S, Hutchison S, Gilon D, Llovet A, O'Gara P, Cooper JV, Fang J, Januzzi JL, Mehta RH, Distanto A, Nienaber CA, Eagle K, Armstrong WF; International Registry of Acute Aortic Dissection Investigators. Prognostic role of transesophageal echocardiography in acute type A aortic dissection. *Am Heart J*. 2007 Jun;153(6):1013-20. Doi: 10.1016/j.ahj.2007.03.006. PMID: 17540204.
 30. Pape LA, Tsai TT, Isselbacher EM, Oh JK, O'gara PT, Evangelista A, Fattori R, Meinhardt G, Trimarchi S, Bossone E, SuzUKi T, Cooper JV, Froehlich JB, Nienaber CA, Eagle KA; International Registry of Acute Aortic Dissection (IRAD) Investigators. Aortic diameter \geq 5.5 cm is not a good predictor of type A aortic dissection: observations from the International Registry of Acute Aortic Dissection (IRAD). *Circulation*. 2007 Sep 4;116(10):1120-7. doi: 10.1161/CIRCULATIONAHA.107.702720. Epub 2007 Aug 20. PMID: 17709637.
 31. Tsai TT, Isselbacher EM, Trimarchi S, Bossone E, Pape L, Januzzi JL, Evangelista A, Oh JK, Llovet A, Beckman J, Cooper JV, Smith DE, Froehlich JB, Fattori R, Eagle KA, Nienaber CA; International Registry of Acute Aortic Dissection. Acute type B aortic dissection: does aortic arch involvement affect management and outcomes? Insights from the International Registry of Acute Aortic Dissection (IRAD). *Circulation*. 2007 Sep 11;116(11 Suppl):I150-6. Doi: 10.1161/CIRCULATIONAHA.106.681510. PMID: 17846296.
 32. Trimarchi S, Tsai T, Eagle KA, Isselbacher EM, Froehlich J, Cooper JV, Rampoldi V, Upchurch GR Jr; International Registry of Acute Aortic Dissection (IRAD) investigators. Acute abdominal aortic dissection: insight from the International Registry of Acute Aortic Dissection (IRAD). *J Vasc Surg*. 2007 Nov;46(5):913-919. doi: 10.1016/j.jvs.2007.07.030. PMID: 17980278.
 33. de Vincentiis C, Kunkl AB, Trimarchi S, Gagliardotto P, Frigiola A, Menicanti L, Di Donato M. Aortic valve replacement in octogenarians: is biologic valve the unique solution? *Ann Thorac Surg*. 2008 Apr;85(4):1296-301. doi: 10.1016/j.athoracsur.2007.12.018. PMID: 18355513.
 34. Trimarchi S, Tolva VS, Grassi V, Frigiola A, Carminati M, Rampoldi V. Descending thoracic and abdominal aortic coarctation in the young: Surgical treatment after percutaneous approaches failure. *J Vasc Surg*. 2008 Apr;47(4):865-7. doi: 10.1016/j.jvs.2007.10.048. PMID: 18381147.
 35. SuzUKi T, Distanto A, Zizza A, Trimarchi S, Villani M, Salerno Uriarte JA, de Luca Tupputi Schinosa L, Renzulli A, Sabino F, Nowak R, Birkhahn R, Hollander JE, Counselman F, Bossone E, Eagle K; International Registry of Acute Aortic Dissection Substudy on Biomarkers (IRAD-Bio) Investigators. Preliminary experience with the smooth muscle troponin-like protein, calponin, as a novel biomarker for diagnosing acute aortic dissection. *Eur Heart J*. 2008 Jun;29(11):1439-45. doi: 10.1093/eurheartj/ehn162. Epub 2008 Apr 24. PMID: 18436559.
 36. Bossone E, Trimarchi S, Esposito G, Aliberti S, Citro R, Allegra L, Blasi F. Chlamydia pneumoniae and acute aortic syndroma: a call for a multi-institutional study. *Monaldi Arch Chest Dis*. 2008 Jun;70(2):68-70. Doi: 10.4081/monaldi.2008.424. PMID: 18754273.
 37. Fattori R, Tsai TT, Myrmet T, Evangelista A, Cooper JV, Trimarchi S, Li J, Lovato L, Kische S, Eagle KA, Isselbacher EM, Nienaber CA. Complicated acute type B dissection: is surgery still the best option?: a report from the International Registry of Acute Aortic Dissection. *JACC Cardiovasc Interv*. 2008 Aug;1(4):395-402. doi: 10.1016/j.jcin.2008.04.009. PMID: 19463336.
 38. Nano G, Bianchi P, Stegher S, Malacrida G, Cazzaniga M, Trimarchi S, Rampoldi V, Tealdi DG. Trattamento endovascolare di Aneurismi dell'aorta addominale in pazienti ottantenni. Risultati a medio termine [Endovascular repair of aortic abdominal aneurysms in octogenarian patients: early and midterm results]. *Ann Ital Chir*. 2008 Sep-Oct;79(5):335-9; discussion 340. Italian. PMID: 19149361.
 39. Raghupathy A, Nienaber CA, Harris KM, Myrmet T, Fattori R, Sechtem U, Oh J, Trimarchi S, Cooper JV, Boohar A, Eagle K, Isselbacher E, Bossone E; International Registry of Acute Aortic Dissection (IRAD) Investigators. Geographic differences in clinical presentation, treatment, and outcomes in type A acute aortic dissection (from the International Registry of Acute Aortic Dissection). *Am J Cardiol*. 2008 Dec 1;102(11):1562-6. doi: 10.1016/j.amjcard.2008.07.049. Epub 2008 Sep 12. PMID: 19026315.
 40. Tsai TT, Trimarchi S, Nienaber CA. Acute aortic dissection: perspectives from the International Registry of Acute Aortic Dissection (IRAD). *Eur J Vasc Endovasc Surg*. 2009 Feb;37(2):149-59. doi: 10.1016/j.ejvs.2008.11.032. Epub 2008 Dec 20. PMID: 19097813.

41. Tolva VS, Bertoni GB, **Trimarchi S**, Grassi V, Rampoldi V. Bifurcated endovascular graft for spontaneous acute aortic dissections: report of a case using a simple technique to help safe deployment. *Minerva Chir.* 2009 Feb;64(1):101-3. PMID: 19202538.
42. **Trimarchi S**, Tolva V, Grassi V, Rampoldi V, Upchurch GR. Commentary: a better understanding of the diagnosis and treatment of isolated abdominal aortic dissections. *J Endovasc Ther.* 2009 Feb;16(1):81-3. doi: 10.1583/08-2601C.1. PMID: 19281294.
43. SuzUKi T, Distanto A, Zizza A, **Trimarchi S**, Villani M, Salerno Uriarte JA, De Luca Tupputi Schinosa L, Renzulli A, Sabino F, Nowak R, Birkhahn R, Hollander JE, Counselman F, Vijayendran R, Bossone E, Eagle K; IRAD-Bio Investigators. Diagnosis of acute aortic dissection by D-dimer: the International Registry of Acute Aortic Dissection Substudy on Biomarkers (IRAD-Bio) experience. *Circulation.* 2009 May 26;119(20):2702-7. doi: 10.1161/CIRCULATIONAHA.108.833004. Epub 2009 May 11. PMID: 19433758.
44. Jonker FH, Heijmen R, **Trimarchi S**, Verhagen HJ, Moll FL, Muhs BE. Acute management of aortobronchial and aortoesophageal fistulas using thoracic endovascular aortic repair. *J Vasc Surg.* 2009 Nov;50(5):999-1004. Doi: 10.1016/j.jvs.2009.04.043. Epub 2009 May 29. PMID: 19481408.
45. Mauriello A, Sangiorgi GM, Virmani R, **Trimarchi S**, Holmes DR Jr, Kolodgie FD, Piepgras DG, Piperno G, Liotti D, Narula J, Righini P, Ippoliti A, Spagnoli LG. A pathobiologic link between risk factors profile and morphological markers of carotid instability. *Atherosclerosis.* 2010 Feb;208(2):572-80. Doi: 10.1016/j.atherosclerosis.2009.07.048. Epub 2009 Aug 3. PMID: 19683236.
46. Eggebrecht H, Thompson M, Rousseau H, Czerny M, Lönn L, Mehta RH, Erbel R; European Registry on Endovascular Aortic Repair Complications. Retrograde ascending aortic dissection during or after thoracic aortic stent graft placement: insight from the European registry on endovascular aortic repair complications. *Circulation.* 2009 Sep 15;120(11 Suppl):S276-81. Doi: 10.1161/CIRCULATIONAHA.108.835926. PMID: 19752379.
47. **Trimarchi S**, Eagle KA, Nienaber CA, Rampoldi V, Jonker FH, De Vincentiis C, Frigiola A, Menicanti L, Tsai T, Froehlich J, Evangelista A, Montgomery D, Bossone E, Cooper JV, Li J, Deeb MG, Meinhardt G, Sundt TM, Isselbacher EM; International Registry of Acute Aortic Dissection Investigators. Role of age in acute type A aortic dissection outcome: report from the International Registry of Acute Aortic Dissection (IRAD). *J Thorac Cardiovasc Surg.* 2010 Oct;140(4):784-9. doi: 10.1016/j.jtcvs.2009.11.014. Epub 2010 Feb 21. PMID: 20176372.
48. Jonker FH, **Trimarchi S**, Verhagen HJ, Moll FL, Sumpio BE, Muhs BE. Meta-analysis of open versus endovascular repair for ruptured descending thoracic aortic aneurysm. *J Vasc Surg.* 2010 Apr;51(4):1026-32, 1032.e1-1032.e2. Doi: 10.1016/j.jvs.2009.10.103. PMID: 20347700.
49. Jonker FH, Verhagen HJ, Lin PH, Heijmen RH, **Trimarchi S**, Lee WA, Moll FL, Athamneh H, Muhs BE. Outcomes of endovascular repair of ruptured descending thoracic aortic aneurysms. *Circulation.* 2010 Jun 29;121(25):2718-23. doi: 10.1161/CIRCULATIONAHA.109.908871. Epub 2010 Jun 14. PMID: 20547930.
50. **Trimarchi S**, Jonker FH, Muhs BE, Grassi V, Righini P, Upchurch GR, Rampoldi V. Long-term outcomes of surgical aortic fenestration for complicated acute type B aortic dissections. *J Vasc Surg.* 2010 Aug;52(2):261-6. Doi: 10.1016/j.jvs.2010.02.292. Epub 2010 Jun 22. PMID: 20573474.
51. **Trimarchi S**, Smith DE, Share D, Jani SM, O'Donnell M, McNamara R, Riba A, Kline-Rogers E, Gurm HS, Moscucci M; BMC2 Registry. Retroperitoneal hematoma after percutaneous coronary intervention: prevalence, risk factors, management, outcomes, and predictors of mortality: a report from the BMC2 (Blue Cross Blue Shield of Michigan Cardiovascular Consortium) registry. *JACC Cardiovasc Interv.* 2010 Aug;3(8):845-50. doi: 10.1016/j.jcin.2010.05.013. PMID: 20723857.
52. DiMusto PD, Williams DM, Patel HJ, **Trimarchi S**, Ellason JL, Upchurch GR Jr. Endovascular management of type B aortic dissections. *J Vasc Surg.* 2010 Oct;52(4 Suppl):26S-36S. doi: 10.1016/j.jvs.2010.06.141. Epub 2010 Aug 21. PMID: 20732786.
53. **Trimarchi S**, Eagle KA, Nienaber CA, Pyeritz RE, Jonker FH, SuzUKi T, O'Gara PT, Hutchinson SJ, Rampoldi V, Grassi V, Bossone E, Muhs BE, Evangelista A, Tsai TT, Froehlich JB, Cooper JV, Montgomery D, Meinhardt G, Myrmel T, Upchurch GR, Sundt TM, Isselbacher EM; International Registry of Acute Aortic Dissection (IRAD) Investigators. Importance of refractory pain and hypertension in acute type B aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). *Circulation.* 2010 Sep 28;122(13):1283-9. doi: 10.1161/CIRCULATIONAHA.109.929422. Epub 2010 Sep 13. PMID: 20837896.
54. Jonker FH, Verhagen HJ, Heijmen RH, Lin PH, **Trimarchi S**, Lee WA, Moll FL, Athamneh H, Muhs BE. Endovascular repair of ruptured thoracic aortic aneurysms: predictors of procedure-related stroke. *Ann Vasc Surg.* 2011 Jan;25(1):3-8. Doi: 10.1016/j.avsg.2010.05.001. Epub 2010 Oct 6. PMID: 20926243.
55. **Trimarchi S**, Sangiorgi G, Sang X, Rampoldi V, SuzUKi T, Eagle KA, Elefteriades JA. In search of blood tests for thoracic aortic diseases. *Ann Thorac Surg.* 2010 Nov;90(5):1735-42. Doi: 10.1016/j.athoracsur.2010.04.111. PMID: 20971314.
56. Jonker FH, Verhagen HJ, Heijmen RH, Lin PH, **Trimarchi S**, Lee WA, Moll FL, Athamneh H, Muhs BE. Endovascular treatment of ruptured thoracic aortic aneurysm in patients older than 75 years. *Eur J Vasc Endovasc Surg.* 2011 Jan;41(1):48-53. doi: 10.1016/j.ejvs.2010.09.017. Epub 2010 Nov 24. PMID: 21109470.
57. Booher AM, Isselbacher EM, Nienaber CA, Froehlich JB, **Trimarchi S**, Cooper JV, Demertzis S, Ramanath VS, Januzzi JL, Harris KM, O'Gara PT, Sundt TM 3rd, Pyeritz RE, Eagle KA; International Registry of Acute Aortic Dissection (IRAD) Investigators. Ascending thoracic aorta dimension and outcomes in acute type B dissection (from the International Registry of Acute Aortic Dissection [IRAD]). *Am J Cardiol.* 2011 Jan 15;107(2):315-20. doi: 10.1016/j.amjcard.2010.09.020. PMID: 21211610.
58. Jonker FH, Verhagen HJ, Lin PH, Heijmen RH, **Trimarchi S**, Lee WA, Moll FL, Athamneh H, Rampoldi V, Muhs BE. Open surgery versus endovascular repair of ruptured thoracic aortic aneurysms. *J Vasc Surg.* 2011 May;53(5):1210-6. Doi: 10.1016/j.jvs.2010.10.135. Epub 2011 Feb 5. PMID: 21296537.
59. **Trimarchi S**, Jonker FH, Hutchison S, Isselbacher EM, Pape LA, Patel HJ, Froehlich JB, Muhs BE, Rampoldi V, Grassi V, Evangelista A, Meinhardt G, Beckman J, Myrmel T, Pyeritz RE, Hirsch AT, Sundt TM 3rd, Nienaber CA, Eagle KA. Descending aortic diameter of 5.5 cm or greater is not an accurate predictor of acute type B aortic dissection. *J Thorac Cardiovasc Surg.* 2011 Sep;142(3):e101-7. doi: 10.1016/j.jtcvs.2010.12.032. Epub 2011 May 17. PMID: 21592525.
60. **Trimarchi S**, Righini P, Grassi V, Lomazzi C, Segreti S, Rampoldi V, Verhoeven E. Do branched and fenestrated devices have a role in chronic type B aortic dissection? *J Cardiovasc Surg (Torino).* 2011 Aug;52(4):529-38. PMID: 21792160.
61. SuzUKi T, **Trimarchi S**, Sawaki D, Grassi V, Costa E, Rampoldi V, Nagai R, Eagle K. Circulating transforming growth factor-beta levels in acute aortic dissection. *J Am Coll Cardiol.* 2011 Aug 9;58(7):775. doi: 10.1016/j.jacc.2010.01.079. PMID: 21816317.

62. Trimarchi S, De Vincentiis C. Invited commentary. *Ann Thorac Surg.* 2011 Dec;92(6):2084. doi: 10.1016/j.athoracsurg.2011.09.036. PMID: 22115220.
63. Mauriello A, Sangiorgi G, Virmani R, Servadei F, Trimarchi S, Holmes DR Jr, Kolodgie F, Biondi Zoccai G, Leuzzi C, Spagnoli LG. Evidence of a topographical link between unstable carotid plaques and luminal stenosis: can we better stratify asymptomatic patients with significant plaque burden? *Int J Cardiol.* 2012 Mar 8;155(2):309-11. doi: 10.1016/j.ijcard.2011.11.061. Epub 2011 Dec 20. PMID: 22192293.
64. Czerny M, Eggebrecht H, Sodeck G, Verzini F, Cao P, Maritati G, Rimbaut V, Beyersdorf F, Rylski B, Funovics M, Loewe C, Schmidli J, Tozzi P, Weigang E, Kuratani T, Livi U, Esposito G, Trimarchi S, van den Berg JC, Fu W, Chiesa R, Melissano G, Bertoglio L, Lonn L, Schuster I, Grimm M. Mechanisms of symptomatic spinal cord ischemia after TEVAR: insights from the European Registry of Endovascular Aortic Repair Complications (EuREC). *J Endovasc Ther.* 2012 Feb;19(1):37-43. doi: 10.1583/11-3578.1. PMID: 22313200.
65. Guy Bianchi P, Tolva V, Dalainas I, Bertoni G, Cirenì L, Trimarchi S, Rampoldi V, Casana R. Immediate conversion to CAS after neurological intolerance at cross-clamping test during CEA: a preliminary experience. *Int Angiol.* 2012 Feb;31(1):22-7. PMID: 22330621.
66. Di Eusanio M, Trimarchi S, Patel HJ, Hutchison S, SuzUKi T, Peterson MD, Di Bartolomeo R, Folesani G, Pyeritz RE, Braverman AC, Montgomery DG, Isselbacher EM, Nienaber CA, Eagle KA, Fattori R. Clinical presentation, management, and short-term outcome of patients with type A acute dissection complicated by mesenteric malperfusion: observations from the International Registry of Acute Aortic Dissection. *J Thorac Cardiovasc Surg.* 2013 Feb;145(2):385-390.e1. Doi: 10.1016/j.jtcvs.2012.01.042. Epub 2012 Feb 15. PMID: 22341418.
67. Trimarchi S, Tolenaar JL, Tsai TT, Froehlich J, PeGOREr M, Upchurch GR, Fattori R, Sundt TM 3rd, Isselbacher EM, Nienaber CA, Rampoldi V, Eagle KA. Influence of clinical presentation on the outcome of acute B aortic dissection: evidences from IRAD. *J Cardiovasc Surg (Torino).* 2012 Apr;53(2):161-8. PMID: 22456637.
68. Tolenaar JL, van Keulen JW, Trimarchi S, Muhs BE, Moll FL, van Herwaarden JA. The chimney graft, a systematic review. *Ann Vasc Surg.* 2012 Oct;26(7):1030-8. doi: 10.1016/j.avsg.2011.11.029. Epub 2012 Apr 11. PMID: 22498342.
69. Trimarchi S, Jonker FH, Froehlich JB, Upchurch GR, Moll FL, Muhs BE, Rampoldi V, Patel HJ, Eagle KA; International Registry of Acute Aortic Dissection (IRAD) investigators. Acute type B aortic dissection in the absence of aortic dilatation. *J Vasc Surg.* 2012 Aug;56(2):311-6. Doi: 10.1016/j.jvs.2012.01.055. Epub 2012 Apr 14. PMID: 22503227.
70. Jonker FH, Trimarchi S, Rampoldi V, Patel HJ, O'Gara P, Peterson MD, Fattori R, Moll FL, Voehringer M, Pyeritz RE, Hutchison S, Montgomery D, Isselbacher EM, Nienaber CA, Eagle KA; International Registry of Acute Aortic Dissection (IRAD) Investigators. Aortic expansion after acute type B aortic dissection. *Ann Thorac Surg.* 2012 Oct;94(4):1223-9. doi: 10.1016/j.athoracsurg.2012.05.040. Epub 2012 Jul 7. PMID: 22776085.
71. Harris KM, Braverman AC, Eagle KA, Woznicki EM, Pyeritz RE, Myrmel T, Peterson MD, Voehringer M, Fattori R, Januzzi JL, Gilon D, Montgomery DG, Nienaber CA, Trimarchi S, Isselbacher EM, Evangelista A. Acute aortic intramural hematoma: an analysis from the International Registry of Acute Aortic Dissection. *Circulation.* 2012 Sep 11;126(11 Suppl 1):S91-6. Doi: 10.1161/CIRCULATIONAHA.111.084541. PMID: 22965999.
72. de Vincentiis C, Biondi A, Satriano A, Varrica A, Trimarchi S, Grimaldi F, Menicanti L, Frigiola A. Le nuove frontiere nella chirurgia dell'aorta [New frontiers in aortic surgery]. *G Ital Cardiol (Roma).* 2012 Oct;13(10 Suppl 2):96S-100S. Italian. doi: 10.1714/1167.12929. PMID: 23096384.
73. Tolva VS, Trimarchi S, Bianchi PG, Cirenì LV, Lombardo A, Keller GC, Parati G, Casana R. Retrograde approach using the right axillary artery for complete endovascular treatment of a symptomatic aberrant right subclavian artery aneurysm. *J Endovasc Ther.* 2012 Dec;19(6):847-8. doi: 10.1583/JEVT-12-4031L.1. PMID: 23210889.
74. Trimarchi S, Tolenaar JL, Jonker FH, Murray B, Tsai TT, Eagle KA, Rampoldi V, Verhagen HJ, van Herwaarden JA, Moll FL, Muhs BE, Elefteriades JA. Importance of false lumen thrombosis in type B aortic dissection prognosis. *J Thorac Cardiovasc Surg.* 2013 Mar;145(3 Suppl):S208-12. Doi: 10.1016/j.jtcvs.2012.11.048. Epub 2012 Dec 20. PMID: 23260434.
75. Auricchio F, Conti M, Marconi S, Reali A, Tolenaar JL, Trimarchi S. Patient-specific aortic endografting simulation: from diagnosis to prediction. *Comput Biol Med.* 2013 May;43(4):386-94. doi: 10.1016/j.combiomed.2013.01.006. Epub 2013 Feb 8. PMID: 23395199.
76. Di Eusanio M, Patel HJ, Nienaber CA, Montgomery DM, Korach A, Sundt TM, DeVincentiis C, Voehringer M, Peterson MD, Myrmel T, Folesani G, Larsen M, Desai ND, Bavaria JE, Appoo JJ, Kieser TM, Fattori R, Eagle K, Di Bartolomeo R, Trimarchi S. Patients with type A acute aortic dissection presenting with major brain injury: should we operate on them? *J Thorac Cardiovasc Surg.* 2013 Mar;145(3 Suppl):S213-21.e1. doi: 10.1016/j.jtcvs.2012.11.054. PMID: 23410778.
77. Ronchey S, Serrao E, Alberti V, Fazzini S, Trimarchi S, Tolenaar JL, Mangialardi N. Endovascular stenting of the ascending aorta for type A aortic dissections in patients at high risk for open surgery. *Eur J Vasc Endovasc Surg.* 2013 May;45(5):475-80. doi: 10.1016/j.ejvs.2013.01.033. Epub 2013 Mar 5. PMID: 23465453.
78. Tolenaar JL, van Bogerijen GH, Eagle KA, Trimarchi S. Update in the management of aortic dissection. *Curr Treat Options Cardiovasc Med.* 2013 Apr;15(2):200-13. doi: 10.1007/s11936-012-0226-1. PMID: 23307603.
79. Jonker FH, Trimarchi S, Fiore B. Commentary: embolization of type II endoleak after EVAR using a triaxial system. *J Endovasc Ther.* 2013 Apr;20(2):205-6. doi: 10.1583/1545-1550-20.2.205. PMID: 23581763.
80. Tolenaar JL, van Keulen JW, Trimarchi S, Jonker FH, van Herwaarden JA, Verhagen HJ, Moll FL, Muhs BE. Number of entry tears is associated with aortic growth in type B dissections. *Ann Thorac Surg.* 2013 Jul;96(1):39-42. Doi: 10.1016/j.athoracsurg.2013.03.087. Epub 2013 May 16. PMID: 23684160.
81. van Bogerijen GH, Tolenaar JL, Grassi V, Lomazzi C, Segreti S, Rampoldi V, Elefteriades JA, Trimarchi S. Biomarkers in TAA-the Holy Grail. *Prog Cardiovasc Dis.* 2013 Jul-Aug;56(1):109-15. doi: 10.1016/j.pcad.2013.05.004. Epub 2013 Jun 4. PMID: 23993244.
82. Tolenaar JL, van Keulen JW, Jonker FH, van Herwaarden JA, Verhagen HJ, Moll FL, Muhs BE, Trimarchi S. Morphologic predictors of aortic dilatation in type B aortic dissection. *J Vasc Surg.* 2013 Nov;58(5):1220-5. Doi: 10.1016/j.jvs.2013.05.031. Epub 2013 Jul 1. PMID: 23827338.
83. Tolenaar JL, Hutchison SJ, Montgomery D, O'Gara P, Fattori R, Pyeritz RE, Pape L, SuzUKi T, Evangelista A, Moll FL, Rampoldi V, Isselbacher EM, Nienaber CA, Eagle KA, Trimarchi S. Painless Type B Aortic Dissection: Insights From the International Registry of Acute Aortic Dissection. *Aorta (Stamford).* 2013 Jul 1;1(2):96-101. doi: 10.12945/j.aorta.2013.13-014. PMID: 26798680; PMCID: PMC4682707.
84. Sconfienza LM, SanTAGostino I, Di Leo G, Piazza R, Gozzi G, Trimarchi S, Sardanelli F. When the diameter of the abdominal aorta should be considered as abnormal? A new ultrasonographic index using the wrist circumference as a body

- build reference. *Eur J Radiol*. 2013 Oct;82(10):e532-6. Doi: 10.1016/j.ejrad.2013.06.008. Epub 2013 Jul 10. PMID: 23849990.
85. Czerny M, Eggebrecht H, Sodeck G, Weigang E, Livi U, Verzini F, Schmidli J, Chiesa R, Melissano G, Kahlberg A, Amabile P, Harringer W, Horacek M, Erbel R, Park KH, Beyersdorf F, Rylski B, Blanke P, Canaud L, Khoynzhad A, Lonn L, Rousseau H, **Trimarchi S**, Brunkwall J, Gawenda M, Dong Z, Fu W, Schuster I, Grimm M. New insights regarding the incidence, presentation and treatment options of aorto-oesophageal fistulation after thoracic endovascular aortic repair: the European Registry of Endovascular Aortic Repair Complications. *Eur J Cardiothorac Surg*. 2014 Mar;45(3):452-7. doi: 10.1093/ejcts/ezt393. Epub 2013 Jul 31. PMID: 23904131.
86. Booher AM, Isselbacher EM, Nienaber CA, **Trimarchi S**, Evangelista A, Montgomery DG, Froehlich JB, Ehrlich MP, Oh JK, Januzzi JL, O'Gara P, Sundt TM, Harris KM, Bossone E, Pyeritz RE, Eagle KA; IRAD Investigators. The IRAD classification system for characterizing survival after aortic dissection. *Am J Med*. 2013 Aug;126(8):730.e19-24. doi: 10.1016/j.amjmed.2013.01.020. PMID: 23885677.
87. van Bogerijen GH, Tolenaar JL, Conti M, Auricchio F, Secchi F, Sardanelli F, Moll FL, van Herwaarden JA, Rampoldi V, **Trimarchi S**. Contemporary Role of Computational Analysis in Endovascular Treatment for Thoracic Aortic Disease. *Aorta (Stamford)*. 2013 Aug 1;1(3):171-81. doi: 10.12945/j.aorta.2013.13-003. PMID: 26798690; PMCID: PMC4682739.
88. Tolenaar JL, van Herwaarden JA, Verhagen H, Moll FL, Muhs BE, **Trimarchi S**. Importance of entry tears in Type B aortic dissection prognosis. *Ann Cardiothorac Surg*. 2013 Sep;2(5):631-2. Doi: 10.3978/j.issn.2225-319X.2013.09.05. PMID: 24109572; PMCID: PMC3791190.
89. Tolenaar JL, Harris KM, Upchurch GR Jr, Evangelista A, Moll FL, di Eusanio M, Eagle K, **Trimarchi S**; IRAD investigators. The differences and similarities between intramural hematoma of the descending aorta and acute type B dissection. *J Vasc Surg*. 2013 Dec;58(6):1498-504. doi: 10.1016/j.jvs.2013.05.099. Epub 2013 Sep 21. PMID: 24060392.
90. Jonker FH, **Trimarchi S**, Muhs BE, Rampoldi V, Montgomery DG, Froehlich JB, Peterson MD, Bartnes K, Gourineni V, Ramanath VS, Braverman AC, Nienaber CA, Isselbacher EM, Eagle KA; IRAD Investigators. The role of age in complicated acute type B aortic dissection. *Ann Thorac Surg*. 2013 Dec;96(6):2129-34. Doi: 10.1016/j.athoracsur.2013.06.056. Epub 2013 Sep 24. PMID: 24070705.
91. Yan TD, Tian DH, LeMaire SA, Misfeld M, Elefteriades JA, Chen EP, Hughes GC, Kazui T, Griep RB, KouchoUKos NT, Bannon PG, Underwood MJ, Mohr FW, Oo A, Sundt TM, Bavaria JE, Di Bartolomeo R, Di Eusanio M, Roselli EE, Beyersdorf F, Carrel TP, Corvera JS, Della Corte A, Ehrlich M, Hoffman A, Jakob H, Matalanis G, Numata S, Patel HJ, Pochettino A, Safi HJ, Estrera A, Perreas KG, Sinatra R, **Trimarchi S**, Sun LZ, Tabata M, Wang C, Haverich A, Shrestha M, Okita Y, Coselli J. The ARCH Projects: design and rationale (IAASSG 001). *Eur J Cardiothorac Surg*. 2014 Jan;45(1):10-6. doi: 10.1093/ejcts/ezt520. Epub 2013 Dec 1. PMID: 24296985.
92. Tolenaar JL, Jonker FH, Moll FL, van Herwaarden J, Morasch MD, Makaroun MS, **Trimarchi S**. Influence of oversizing on outcome in thoracic endovascular aortic repair. *J Endovasc Ther*. 2013 Dec;20(6):738-45. doi: 10.1583/13-4388MR.1. PMID: 24325688.
93. Varrica A, Satriano A, de Vincentiis C, Biondi A, **Trimarchi S**, Ranucci M, Menicanti L, Frigiola A. Bentall operation in 375 patients: long-term results and predictors of death. *J Heart Valve Dis*. 2014 Jan;23(1):127-34. PMID: 24779339.
94. Piffaretti G, Bonardelli S, Bellosta R, Mariscalco G, Lomazzi C, Tolenaar JL, Zanotti C, Guadrini C, Sarcina A, Castelli P, **Trimarchi S**. Spinal cord ischemia after simultaneous and sequential treatment of multilevel aortic disease. *J Thorac Cardiovasc Surg*. 2014 Oct;148(4):1435-1442.e1. Doi: 10.1016/j.jtcvs.2014.02.062. Epub 2014 Feb 26. PMID: 24698563.
95. van Bogerijen GH, Tolenaar JL, Rampoldi V, Moll FL, van Herwaarden JA, Jonker FH, Eagle KA, **Trimarchi S**. Predictors of aortic growth in uncomplicated type B aortic dissection. *J Vasc Surg*. 2014 Apr;59(4):1134-43. Doi: 10.1016/j.jvs.2014.01.042. PMID: 24661897.
96. Yan TD, Tian DH, LeMaire SA, Hughes GC, Chen EP, Misfeld M, Griep RB, Kazui T, Bannon PG, Coselli JS, Elefteriades JA, KouchoUKos NT, Underwood MJ, Mathew JP, Mohr FW, Oo A, Sundt TM, Bavaria JE, Di Bartolomeo R, Di Eusanio M, **Trimarchi S**; International Aortic Arch Surgery Study Group. Standardizing clinical end points in aortic arch surgery: a consensus statement from the International Aortic Arch Surgery Study Group. *Circulation*. 2014 Apr 15;129(15):1610-6. doi: 10.1161/CIRCULATIONAHA.113.006421. PMID: 24733540.
97. Tolenaar JL, Kern JA, Jonker FH, Cherry KJ, Tracci MC, Angle JF, Sabri S, **Trimarchi S**, Strider D, Alaiwaidi G, Upchurch GR Jr. Predictors of false lumen thrombosis in type B aortic dissection treated with TEVAR. *Ann Cardiothorac Surg*. 2014 May;3(3):255-63. doi: 10.3978/j.issn.2225-319X.2014.05.17. PMID: 24967164; PMCID: PMC4052404.
98. Tolenaar JL, Eagle KA, Jonker FH, Moll FL, Elefteriades JA, **Trimarchi S**. Partial thrombosis of the false lumen influences aortic growth in type B dissection. *Ann Cardiothorac Surg*. 2014 May;3(3):275-7. Doi: 10.3978/j.issn.2225-319X.2014.04.01. PMID: 24967166; PMCID: PMC4052418.
99. **Trimarchi S**, Jonker FH, van Bogerijen GH, Tolenaar JL, Moll FL, Czerny M, Patel HJ. Predicting aortic enlargement in type B aortic dissection. *Ann Cardiothorac Surg*. 2014 May;3(3):285-91. Doi: 10.3978/j.issn.2225-319X.2014.05.01. PMID: 24967168; PMCID: PMC4052419.
100. van Bogerijen GH, van Herwaarden JA, Conti M, Auricchio F, Rampoldi V, **Trimarchi S**, Moll FL. Importance of dynamic aortic evaluation in planning TEVAR. *Ann Cardiothorac Surg*. 2014 May;3(3):300-6. Doi: 10.3978/j.issn.2225-319X.2014.04.05. PMID: 24967170; PMCID: PMC4052412.
101. **Trimarchi S**, Segreti S, Grassi V, Lomazzi C, de Vincentiis C, Rampoldi V. Emergent treatment of aortic rupture in acute type B dissection. *Ann Cardiothorac Surg*. 2014 May;3(3):319-24. Doi: 10.3978/j.issn.2225-319X.2014.05.05. PMID: 24967173; PMCID: PMC4052411.
102. Dean JH, Woznicki EM, O'Gara P, Montgomery DG, **Trimarchi S**, Myrmel T, Pyeritz RE, Harris KM, SuzUKi T, Braverman AC, Hughes GC, Kline-Rogers E, Nienaber CA, Isselbacher EM, Eagle KA, Bossone E. Cocaine-related aortic dissection: lessons from the International Registry of Acute Aortic Dissection. *Am J Med*. 2014 Sep;127(9):878-85. doi: 10.1016/j.amjmed.2014.05.005. Epub 2014 May 14. PMID: 24835037.
103. Brunkwall J, Kasprzak P, Verhoeven E, Heijmen R, Taylor P; ADSORB Trialists, Alric P, Canaud L, Janotta M, Raithel D, Malina W, Resch T, Eckstein HH, Ockert S, Larzon T, Carlsson F, Schumacher H, Classen S, Schaub P, Lammer J, Lönn L, Clough RE, Rampoldi V, **Trimarchi S**, Fabiani JN, Böckler D, Kotelis D, Böckler D, Kotelis D, von Tenng-Kobligk H, Mangialardi N, Ronchey S, Dialetto G, Matoussevitch V. Endovascular repair of acute uncomplicated aortic type B dissection promotes aortic remodelling: 1 year results of the ADSORB trial. *Eur J Vasc Endovasc Surg*. 2014 Sep;48(3):285-91. doi: 10.1016/j.ejvs.2014.05.012. Epub 2014 Jun 22. Erratum in: *Eur J Vasc Endovasc Surg*. 2015 Jul;50(1):130. Böckler, D [removed]; von Tenng-Kobligk, H [corrected to von Teng-Kobligk, H]. PMID: 24962744.

104. Gargiulo M, Bianchini Massoni C, Gallitto E, Freyrie A, Trimarchi S, Faggioli G, Stella A. Lower limb malperfusion in type B aortic dissection: a systematic review. *Ann Cardiothorac Surg.* 2014 Jul;3(4):351-67. Doi: 10.3978/j.issn.2225-319X.2014.07.05. PMID: 25133098; PMCID: PMC4128931.
105. Trimarchi S, Segreti S, Grassi V, Lomazzi C, Cova M, Piffaretti G, Rampoldi V. Open fenestration for complicated acute aortic B dissection. *Ann Cardiothorac Surg.* 2014 Jul;3(4):418-22. doi: 10.3978/j.issn.2225-319X.2014.07.08. PMID: 25133107; PMCID: PMC4128920.
106. Tolenaar JL, Froehlich W, Jonker FH, Upchurch GR Jr, Rampoldi V, Tsai TT, Bossone E, Evangelista A, O'Gara P, Pape L, Montgomery D, Isselbacher EM, Nienaber CA, Eagle KA, Trimarchi S. Predicting in-hospital mortality in acute type B aortic dissection: evidence from International Registry of Acute Aortic Dissection. *Circulation.* 2014 Sep 9;130(11 Suppl 1):S45-50. Doi: 10.1161/CIRCULATIONAHA.113.007117. PMID: 25200055.
107. Di Eusanio M, Trimarchi S, Peterson MD, Myrmel T, Hughes GC, Korach A, Sundt TM, Di Bartolomeo R, Greason K, Khoynzhad A, Appoo JJ, Folesani G, De Vincentiis C, Montgomery DG, Isselbacher EM, Eagle KA, Nienaber CA, Patel HJ. Root replacement surgery versus more conservative management during type A acute aortic dissection repair. *Ann Thorac Surg.* 2014 Dec;98(6):2078-84. Doi: 10.1016/j.athoracsur.2014.06.070. Epub 2014 Oct 3. PMID: 25282163.
108. Teraa M, van Herwaarden JA, Trimarchi S, Moll FL. Morphologic characteristics for treatment guidance in uncomplicated acute type B aortic dissection. *Circulation.* 2014 Nov 4;130(19):1723-5. doi: 10.1161/CIRCULATIONAHA.114.010362. PMID: 25366834.
109. Jonker FH, Patel HJ, Upchurch GR, Williams DM, Montgomery DG, Gleason TG, Braverman AC, Sechtem U, Fattori R, Di Eusanio M, Evangelista A, Nienaber CA, Isselbacher EM, Eagle KA, Trimarchi S. Acute type B aortic dissection complicated by visceral ischemia. *J Thorac Cardiovasc Surg.* 2015 Apr;149(4):1081-6.e1. doi: 10.1016/j.jtcvs.2014.11.012. Epub 2014 Nov 12. PMID: 25500101.
110. Czerny M, Reser D, Eggebrecht H, Janata K, Sodeck G, Etz C, Luehr M, Verzini F, Loschi D, Chiesa R, Melissano G, Kahlberg A, Amabile P, Harringer W, Janosi RA, Erbel R, Schmidli J, Tozzi P, Okita Y, Canaud L, Khoynzhad A, Maritati G, Cao P, Kölbel T, Trimarchi S. Aorto-bronchial and aorto-pulmonary fistulation after thoracic endovascular aortic repair: an analysis from the European Registry of Endovascular Aortic Repair Complications. *Eur J Cardiothorac Surg.* 2015 Aug;48(2):252-7. doi: 10.1093/ejcts/ezu443. Epub 2014 Nov 20. PMID: 25414427.
111. van Bogerijen GH, Auricchio F, Conti M, Lefieux A, Reali A, Veneziani A, Tolenaar JL, Moll FL, Rampoldi V, Trimarchi S. Aortic hemodynamics after thoracic endovascular aortic repair, with particular attention to the bird-beak configuration. *J Endovasc Ther.* 2014 Dec;21(6):791-802. Doi: 10.1583/14-4778MR.1. PMID: 25453880.
112. Derbel B, Tolenaar JL, Trimarchi S. Use of Chimney graft after accidental coverage of the left common carotid artery in TEVAR procedure. *Tunis Med.* 2014 Dec;92(12):756-9. PMID: 25879602.
113. Ranucci M, Ranucci M, Laddomada T, Baryshnikova E, Nano G, Trimarchi S. Plasma viscosity, functional fibrinogen, and platelet reactivity in vascular surgery patients. *Clin Hemorheol Microcirc.* 2015;61(3):417-27. doi: 10.3233/CH-141866. PMID: 25171590.
114. Kamman AV, Jonker FH, Nauta FJ, Trimarchi S, Moll FL, van Herwaarden JA. A review of follow-up outcomes after elective endovascular repair of degenerative thoracic aortic aneurysms. *Vascular.* 2016 Apr;24(2):208-16. Doi: 10.1177/1708538115588648. Epub 2015 May 22. PMID: 26002781.
115. Trimarchi S. Trattamento dell'aorta toraco-addominale: cosa ci dicono le nuove linee guida europee e cosa ci ha insegnato l'esperienza [Treatment of the thoracic and abdominal aorta: what the new European guidelines explain and what the experience has taught us]. *G Ital Cardiol (Roma).* 2015 Jul-Aug;16(7-8):399-404. Italian. doi: 10.1714/1954.21236. PMID: 26228608.
116. Piffaretti G, Carrafiello G, Franchin M, Ierardi AM, Mariscalco G, Castelli P, Trimarchi S. Stent-graft Repair of a True Internal Thoracic Artery Aneurysm. *Ann Vasc Surg.* 2015 Oct;29(7):1452.e11-5. doi: 10.1016/j.avsg.2015.04.072. Epub 2015 Jul 9. PMID: 26164363.
117. Pape LA, Awais M, Woznicki EM, Suzuki T, Trimarchi S, Evangelista A, Myrmel T, Larsen M, Harris KM, Greason K, Di Eusanio M, Bossone E, Montgomery DG, Eagle KA, Nienaber CA, Isselbacher EM, O'Gara P. Presentation, Diagnosis, and Outcomes of Acute Aortic Dissection: 17-Year Trends From the International Registry of Acute Aortic Dissection. *J Am Coll Cardiol.* 2015 Jul 28;66(4):350-8. doi: 10.1016/j.jacc.2015.05.029. PMID: 26205591.
118. Verzini F, Isernia G, Simone G, De Rango P, Cao P; Italian AARSA Collaborative Group. Results of aberrant right subclavian artery aneurysm repair. *J Vasc Surg.* 2015 Aug;62(2):343-50. Doi: 10.1016/j.jvs.2015.03.038. PMID: 26211377.
119. Di Eusanio M, Nienaber CA, Sundt TM, Patel HJ, Trimarchi S, Myrmel T, Eagle KA. Reply: To PMID 25282163. *Ann Thorac Surg.* 2015 Sep;100(3):1137-8. Doi: 10.1016/j.athoracsur.2015.04.076. PMID: 26354663.
120. Nauta FJ, Conti M, Kamman AV, van Bogerijen GH, Tolenaar JL, Auricchio F, Figueroa CA, van Herwaarden JA, Moll FL, Trimarchi S. Biomechanical Changes After Thoracic Endovascular Aortic Repair in Type B Dissection: A Systematic Review. *J Endovasc Ther.* 2015 Dec;22(6):918-33. Doi: 10.1177/1526602815608848. Epub 2015 Oct 1. PMID: 26429142.
121. Loa J, Dubenec S, Cao P, Milner R, Silveira PG, Trimarchi S, Verhoeven E, Weaver F. The GORE Global Registry for Endovascular Aortic Treatment: Objectives and Design. *Ann Vasc Surg.* 2016 Feb;31:70-6. doi: 10.1016/j.avsg.2015.08.024. Epub 2015 Nov 24. PMID: 26616496.
122. Piffaretti G, Galli M, Lomazzi C, Franchin M, Castelli P, Mariscalco G, Trimarchi S. Endograft repair for pseudoaneurysms and penetrating ulcers of the ascending aorta. *J Thorac Cardiovasc Surg.* 2016 Jun;151(6):1606-14. Doi: 10.1016/j.jtcvs.2015.12.055. Epub 2016 Jan 13. PMID: 26872446.
123. Trimarchi S, Eagle KA. Thoracic Endovascular Aortic Repair in Acute and Chronic Type B Aortic Dissection. *JACC Cardiovasc Interv.* 2016 Jan 25;9(2):192-4. doi: 10.1016/j.jcin.2015.11.033. PMID: 26793961.
124. Bossone E, Pyeritz RE, Braverman AC, Peterson MD, Ehrlich M, O'Gara P, Suzuki T, Trimarchi S, Gilon D, Greason K, Desai ND, Montgomery DG, Isselbacher EM, Nienaber CA, Eagle KA; IRAD Investigators. Shock complicating type A acute aortic dissection: Clinical correlates, management, and outcomes. *Am Heart J.* 2016 Jun;176:93-9. doi: 10.1016/j.ahj.2016.02.019. Epub 2016 Mar 17. PMID: 27264225.
125. Vianello E, Dozio E, Rigolini R, Marrocco-Trischitta MM, Tacchini L, Trimarchi S, Corsi Romanelli MM. Acute phase of aortic dissection: a pilot study on CD40L, MPO, and MMP-1, -2, 9 and TIMP-1 circulating levels in elderly patients. *Immun Ageing.* 2016 Mar 22;13:9. doi: 10.1186/s12979-016-0063-2. PMID: 27006681; PMCID: PMC4802618.
126. Nauta FJ, Trimarchi S, Kamman AV, Moll FL, van Herwaarden JA, Patel HJ, Figueroa CA, Eagle KA, Froehlich JB. Update in the management of type B aortic dissection. *Vasc Med.* 2016 Jun;21(3):251-63. doi: 10.1177/1358863X16642318. Epub 2016 Apr 11. PMID: 27067136.

127. Kamman AV, van Herwaarden JA, Orrico M, Nauta FJ, Heijmen RH, Moll FL, **Trimarchi S**. Standardized Protocol to Analyze Computed Tomography Imaging of Type B Aortic Dissections. *J Endovasc Ther*. 2016 Jun;23(3):472-82. Doi: 10.1177/1526602816642591. Epub 2016 Apr 18. PMID: 27090166.
128. **Trimarchi S**, Kamman A, Lomazzi C, Segreti S, Cova M, De Vincentiis C, Frigiola A, Menicanti L, Marrocco-Trischitta MM, Grassi V, Morganti S, Conti M, Auricchio F, Rampoldi V. Activities at Thoracic Aortic Research Center, IRCCS Policlinico San Donato. *Eur Heart J Suppl*. 2016 Apr 28;18(Suppl E):E57-E63. Doi: 10.1093/eurheartj/suw015. Epub 2016 Apr 29. PMID: 28533718.
129. Kamman AV, de Beaufort HW, van Bogerijen GH, Nauta FJ, Heijmen RH, Moll FL, van Herwaarden JA, **Trimarchi S**. Contemporary Management Strategies for Chronic Type B Aortic Dissections: A Systematic Review. *PLoS One*. 2016 May 4;11(5):e0154930. doi: 10.1371/journal.pone.0154930. PMID: 27144723; PMCID: PMC4856408.
130. Nauta FJ, Conti M, Marconi S, Kamman AV, Alaimo G, Morganti S, Ferrara A, van Herwaarden JA, Moll FL, Auricchio F, **Trimarchi S**. An experimental investigation of the impact of thoracic endovascular aortic repair on longitudinal strain. *Eur J Cardiothorac Surg*. 2016 Nov;50(5):955-961. Doi: 10.1093/ejcts/ezw180. Epub 2016 May 30. PMID: 27247376.
131. Kahlberg A, Rinaldi E, Piffaretti G, Speziale F, **Trimarchi S**, Bonardelli S, Melissano G, Chiesa R; MAEFISTO collaborators. Results from the Multicenter Study on Aortoenteric Fistulization After Stent Grafting of the Abdominal Aorta (MAEFISTO). *J Vasc Surg*. 2016 Aug;64(2):313-320.e1. Doi: 10.1016/j.jvs.2016.04.008. Epub 2016 Jun 9. PMID: 27289529.
132. Berretta P, Patel HJ, Gleason TG, Sundt TM, Myrmel T, Desai N, Korach A, Panza A, Bavaria J, Khoynzhad A, Woznicki E, Montgomery D, Isselbacher EM, Di Bartolomeo R, Fattori R, Nienaber CA, Eagle KA, **Trimarchi S**, Di Eusanio M. IRAD experience on surgical type A acute dissection patients: results and predictors of mortality. *Ann Cardiothorac Surg*. 2016 Jul;5(4):346-51. Doi: 10.21037/acs.2016.05.10. PMID: 27563547; PMCID: PMC4973119.
133. Nauta FJ, Tolenaar JL, Patel HJ, Appoo JJ, Tsai TT, Desai ND, Montgomery DG, Mussa FF, Upchurch GR, Fattori R, Hughes GC, Nienaber CA, Isselbacher EM, Eagle KA, **Trimarchi S**; International Registry of Acute Aortic Dissection (IRAD) Investigators. Impact of Retrograde Arch Extension in Acute Type B Aortic Dissection on Management and Outcomes. *Ann Thorac Surg*. 2016 Dec;102(6):2036-2043. doi: 10.1016/j.athoracsur.2016.05.013. Epub 2016 Jul 15. PMID: 27424469.
134. Mussa FF, Horton JD, Moridzadeh R, Nicholson J, **Trimarchi S**, Eagle KA. Acute Aortic Dissection and Intramural Hematoma: A Systematic Review. *JAMA*. 2016 Aug 16;316(7):754-63. doi: 10.1001/jama.2016.10026. PMID: 27533160.
135. Nauta FJH, Kim JB, Patel HJ, Peterson MD, Eckstein HH, Khoynzhad A, Ehrlich MP, Eusanio MD, Corte AD, Montgomery DG, Nienaber CA, Isselbacher EM, Eagle KA, Sundt TM, **Trimarchi S**. Early Outcomes of Acute Retrograde Dissection From the International Registry of Acute Aortic Dissection. *Semin Thorac Cardiovasc Surg*. 2017 Summer;29(2):150-159. doi: 10.1053/j.semthor.2016.10.004. Epub 2016 Oct 14. PMID: 28823321.
136. Nauta FJ, Kamman AV, Ibrahim EH, Agarwal PP, Yang B, Kim K, Williams DM, van Herwaarden JA, Moll FL, Eagle KA, **Trimarchi S**, Patel HJ, Figueroa CA. Assessment of Cardiovascular Remodelling following Endovascular aortic repair through imaging and computation: the CORE prospective observational cohort study protocol. *BMJ Open*. 2016 Nov 17;6(11):e012270. doi: 10.1136/bmjopen-2016-012270. PMID: 27856475; PMCID: PMC5128949.
137. Kamman AV, Brunkwall J, Verhoeven EL, Heijmen RH, **Trimarchi S**; ADSORB trialists. Predictors of aortic growth in uncomplicated type B aortic dissection from the Acute Dissection Stent Grafting or Best Medical Treatment (ADSORB) database. *J Vasc Surg*. 2017 Apr;65(4):964-971.e3. Doi: 10.1016/j.jvs.2016.09.033. Epub 2016 Nov 19. PMID: 27876516.
138. de Beaufort HW, Nauta FJ, Conti M, Cellitti E, Trentin C, Faggiano E, van Bogerijen GH, Figueroa CA, Moll FL, van Herwaarden JA, Auricchio F, **Trimarchi S**. Extensibility and Distensibility of the Thoracic Aorta in Patients with Aneurysm. *Eur J Vasc Endovasc Surg*. 2017 Feb;53(2):199-205. Doi: 10.1016/j.ejvs.2016.11.018. Epub 2016 Dec 24. PMID: 28027889.
139. Riambau V, Böckler D, Brunkwall J, Cao P, Chiesa R, Coppi G, Czerny M, Fraedrich G, Haulon S, Jacobs MJ, Lachat ML, Moll FL, Setacci C, Taylor PR, Thompson M, **Trimarchi S**, Verhagen HJ, Verhoeven EL, ESVS Guidelines Committee, Kolh P, de Borst GJ, Chakfé N, Debus ES, Hinchliffe RJ, Kakkos S, Koncar I, Lindholt JS, Vega de Ceniga M, Vermassen F, Verzini F, Document Reviewers, Kolh P, Black JH 3rd, Busund R, Björck M, Dake M, Dick F, Eggebrecht H, Evangelista A, Grabenwöger M, Milner R, Naylor AR, Ricco JB, Rousseau H, Schmidli J. Editor's Choice - Management of Descending Thoracic Aorta Diseases: Clinical Practice Guidelines of the European Society for Vascular Surgery (ESVS). *Eur J Vasc Endovasc Surg*. 2017 Jan;53(1):4-52. doi: 10.1016/j.ejvs.2016.06.005. PMID: 28081802.
140. Vianello E, Dozio E, Barassi A, Tacchini L, Lamont J, **Trimarchi S**, Marrocco-Trischitta MM, Corsi Romanelli MM. Vitamin D Deficiency Is Associated with Increased Osteocalcin Levels in Acute Aortic Dissection: A Pilot Study on Elderly Patients. *Mediators Inflamm*. 2017;2017:6412531. doi: 10.1155/2017/6412531. Epub 2017 Jul 2. PMID: 28751822; PMCID: PMC5511647.
141. Nauta FJH, Lau KD, Arthurs CJ, Eagle KA, Williams DM, **Trimarchi S**, Patel HJ, Figueroa CA. Computational Fluid Dynamics and Aortic Thrombus Formation Following Thoracic Endovascular Aortic Repair. *Ann Thorac Surg*. 2017 Jun;103(6):1914-1921. Doi: 10.1016/j.athoracsur.2016.09.067. Epub 2017 Jan 4. PMID: 28063468.
142. Vianello E, Dozio E, Barassi A, Sammarco G, Tacchini L, Marrocco-Trischitta MM, **Trimarchi S**, Corsi Romanelli MM. A pilot observational study on magnesium and calcium imbalance in elderly patients with acute aortic dissection. *Immun Ageing*. 2017 Jan 5;14:1. doi: 10.1186/s12979-016-0083-y. PMID: 28070203; PMCID: PMC5217585.
143. Parikh N, **Trimarchi S**, Gleason TG, Kamman AV, di Eusanio M, Myrmel T, Korach A, Maniar H, Ota T, Khoynzhad A, Montgomery DG, Desai ND, Eagle KA, Nienaber CA, Isselbacher EM, Bavaria J, Sundt TM, Patel HJ. Changes in operative strategy for patients enrolled in the International Registry of Acute Aortic Dissection interventional cohort program. *J Thorac Cardiovasc Surg*. 2017 Apr;153(4):S74-S79. doi: 10.1016/j.jtcvs.2016.12.029. Epub 2017 Jan 9. PMID: 28168983.
144. Nauta FJ, van Bogerijen GH, Trentin C, Conti M, Auricchio F, Moll FL, van Herwaarden JA, **Trimarchi S**. Impact of Thoracic Endovascular Aortic Repair on Pulsatile Circumferential and Longitudinal Strain in Patients With Aneurysm. *J Endovasc Ther*. 2017 Apr;24(2):281-289. doi: 10.1177/1526602816687086. Epub 2017 Jan 19. Erratum in: *J Endovasc Ther*. 2018 Jun;25(3):410. PMID: 28102102.
145. Bianchi P, Scalise F, Mortara A, Lanzillo G, Scardina G, **Trimarchi S**, Parati G, Tolva V. Occlusive Shrinkage of Ovation Endograft Presenting as Acute Lower Limb Ischemia: Effective Endovascular Management. *Aorta (Stamford)*. 2017 Feb 1;5(1):21-26. doi: 10.12945/j.aorta.2017.16.041. PMID: 28868311; PMCID: PMC5570563.
146. Marrocco-Trischitta MM, de Beaufort HW, Secchi F, van Bakel TM, Ranucci M, van Herwaarden JA, Moll FL, **Trimarchi S**. A geometric reappraisal of proximal landing zones for thoracic endovascular aortic repair according to aortic arch types. *J Vasc Surg*. 2017 Jun;65(6):1584-1590. doi: 10.1016/j.jvs.2016.10.113. Epub 2017 Feb 20. PMID: 28222992.

147. Piffaretti G, Ottavi P, Lomazzi C, Franchin M, Micheli R, Ferilli F, Dorigo W, Marrocco-Trischitta M, Castelli P, Trimarchi S. Thoracic Endovascular Aortic Repair for Type B Acute Aortic Dissection Complicated by Descending Thoracic Aneurysm. *Eur J Vasc Endovasc Surg.* 2017 Jun;53(6):793-801. Doi: 10.1016/j.ejvs.2017.02.022. Epub 2017 Mar 22. PMID: 28341530.
148. Nauta FJH, de Beaufort HWL, Conti M, Marconi S, Kamman AV, Ferrara A, van Herwaarden JA, Moll FL, Auricchio F, Trimarchi S. Impact of thoracic endovascular aortic repair on radial strain in an ex vivo porcine model. *Eur J Cardiothorac Surg.* 2017 Apr 1;51(4):783-789. doi: 10.1093/ejcts/ezw393. Erratum in: *Eur J Cardiothorac Surg.* 2018 Jun 1;53(6):1299. PMID: 28043989.
149. Nauta FJH, van Bogerijen GHW, Conti M, Trentin C, Moll FL, Van Herwaarden JA, Auricchio F, Trimarchi S. Impact of Thoracic Endovascular Repair on Pulsatile Aortic Strain in Acute Type B Aortic Dissection: Preliminary Results. *Aorta (Stamford).* 2017 Apr 1;5(2):42-52. doi: 10.12945/j.aorta.2017.16.042. PMID: 28868315; PMCID: PMC5570567.
150. Kamman AV, Jonker FHW, Sechtem U, Harris KM, Evangelista A, Montgomery DG, Patel HJ, Eagle KA, Trimarchi S; IRAD investigators. Predictors of Stable Aortic Dimensions in Medically Managed Acute Aortic SyndRomas. *Ann Vasc Surg.* 2017 Jul;42:143-149. doi: 10.1016/j.avsg.2017.01.012. Epub 2017 Apr 5. PMID: 28390915.
151. de Beaufort HWL, Conti M, Kamman AV, Nauta FJH, Lanzarone E, Moll FL, van Herwaarden JA, Auricchio F, Trimarchi S. Stent-Graft Deployment Increases Aortic Stiffness in an Ex Vivo Porcine Model. *Ann Vasc Surg.* 2017 Aug;43:302-308. Doi: 10.1016/j.avsg.2017.04.024. Epub 2017 May 5. PMID: 28483612.
152. Kamman AV, ElIASon JL, Williams DM, Yang B, Moll FL, Trimarchi S, Eagle KA, Patel HJ. Impact of Left Subclavian Artery Revascularization before Thoracic Endovascular Aortic Repair on Postoperative Cerebrovascular Hemodynamics. *Ann Vasc Surg.* 2018 Jan;46:307-313. Doi: 10.1016/j.avsg.2017.06.046. Epub 2017 Jun 21. PMID: 28647641.
153. de Beaufort HWL, Cellitti E, de Ruiter QMB, Conti M, Trimarchi S, Moll FL, Hazenberg CEVB, van Herwaarden JA. Midterm outcomes and evolution of gutter area after endovascular aneurysm repair with the chimney graft procedure. *J Vasc Surg.* 2018 Jan;67(1):104-112.e3. Doi: 10.1016/j.jvs.2017.04.067. Epub 2017 Jun 28. PMID: 28668275.
154. van der Weijde E, Bakker OJ, Kamman AV, van Herwaarden JA, Trimarchi S, Vos JA, Heijmen RH. A Feasibility Study of Off-the-Shelf Scalloped Stent-Grafts in Acute Type B Aortic Dissection. *J Endovasc Ther.* 2017 Dec;24(6):819-824. Doi: 10.1177/1526602817726329. Epub 2017 Aug 17. PMID: 28814171.
155. Carmo M, Barbetta I, Bissacco D, Trimarchi S, Catanese V, Bonzini M, Bonardelli S, Settembrini PG. Development and validation of a score to predict life expectancy after carotid endarterectomy in asymptomatic patients. *J Vasc Surg.* 2018 Jan;67(1):175-182. Doi: 10.1016/j.jvs.2017.05.107. Epub 2017 Sep 21. PMID: 28943008.
156. Marconi S, Lanzarone E, De Beaufort H, Conti M, Trimarchi S, Auricchio F. A novel insight into the role of entry tears in type B aortic dissection: pressure measurements in an in vitro model. *Int J Artif Organs.* 2017 Oct 13;40(10):563-574. doi: 10.5301/ijao.5000627. Epub 2017 Oct 4. PMID: 28983901.
157. de Beaufort HWL, Coda M, Conti M, van Bakel TMJ, Nauta FJH, Lanzarone E, Moll FL, van Herwaarden JA, Auricchio F, Trimarchi S. Changes in aortic pulse wave velocity of four thoracic aortic stent grafts in an ex vivo porcine model. *PLoS One.* 2017 Oct 5;12(10):e0186080. doi: 10.1371/journal.pone.0186080. Erratum in: *PLoS One.* 2018 May 10;13(5):e0197453. PMID: 28982135; PMCID: PMC5642022.
158. Costin NI, Korach A, Loor G, Peterson MD, Desai ND, Trimarchi S, de Vincentiis C, Ota T, Reece TB, Sundt TM, Patel HJ, Chen EP, Montgomery DG, Nienaber CA, Isselbacher EM, Eagle KA, Gleason TG. Patients With Type A Acute Aortic Dissection Presenting With an Abnormal Electrocardiogram. *Ann Thorac Surg.* 2018 Jan;105(1):92-99. doi: 10.1016/j.athoracsur.2017.06.063. Epub 2017 Nov 1. PMID: 29074152.
159. de Beaufort HWL, Trimarchi S, Korach A, Di Eusanio M, Gilon D, Montgomery DG, Evangelista A, Braverman AC, Chen EP, Isselbacher EM, Gleason TG, De Vincentiis C, Sundt TM, Patel HJ, Eagle KA. Aortic dissection in patients with Marfan syndRoma based on the IRAD data. *Ann Cardiothorac Surg.* 2017 Nov;6(6):633-641. doi: 10.21037/acs.2017.10.03. PMID: 29270375; PMCID: PMC5721116.
160. Froehlich W, Tolenaar JL, Harris KM, Strauss C, Sundt TM, Tsai TT, Peterson MD, Evangelista A, Montgomery DG, Kline-Rogers E, Nienaber CA, Froehlich JB, Isselbacher EM, Eagle KA, Trimarchi S. Delay from Diagnosis to Surgery in Transferred Type A Aortic Dissection. *Am J Med.* 2018 Mar;131(3):300-306. Doi: 10.1016/j.amjmed.2017.11.009. Epub 2017 Nov 24. PMID: 29180025.
161. Larsen M, Trimarchi S, Patel HJ, Di Eusanio M, Greason KL, Peterson MD, Fattori R, Hutchison S, Desai ND, Korach A, Montgomery DG, Isselbacher EM, Nienaber CA, Eagle KA, Bartnes K, Myrmet T. Extended versus limited arch replacement in acute Type A aortic dissection. *Eur J Cardiothorac Surg.* 2017 Dec 1;52(6):1104-1110. doi: 10.1093/ejcts/ezx214. PMID: 28977503.
162. Piffaretti G, Lomazzi C, Benedetto F, Pipitò N, Castelli P, Trimarchi S, Dorigo W, Tozzi M. Best Medical Treatment and Selective Stent-GraftRepair for Acute Type B Aortic Intramural Hematoma. *Semin Thorac Cardiovasc Surg.* 2018 Autumn;30(3):279-287. doi: 10.1053/j.semtcvs.2018.02.006. Epub 2018 Feb 9. PMID: 29432889.
163. van Bakel TMJ, Lau KD, Hirsch-Romano J, Trimarchi S, Dorfman AL, Figueroa CA. Patient-Specific Modeling of Hemodynamics: Supporting Surgical Planning in a Fontan Circulation Correction. *J Cardiovasc Transl Res.* 2018 Apr;11(2):145-155. doi: 10.1007/s12265-017-9781-x. Epub 2018 Jan 8. PMID: 29313269.
164. Marrocco-Trischitta MM, van Bakel TM, Romarowski RM, de Beaufort HW, Conti M, van Herwaarden JA, Moll FL, Auricchio F, Trimarchi S. The Modified Arch Landing Areas Nomenclature (MALAN) Improves Prediction of Stent Graft Displacement Forces: Proof of Concept by Computational Fluid Dynamics Modelling. *Eur J Vasc Endovasc Surg.* 2018 Apr;55(4):584-592. Doi: 10.1016/j.ejvs.2017.12.019. Epub 2018 Feb 6. PMID: 29426592.
165. Bellosta R, Gelpi G, Lomazzi C, Romagnoni C, Castelli P, Trimarchi S, Piffaretti G. Surgical Treatment of Synchronous Type B Acute Aortic Dissection and Abdominal Aortic Aneurysm. *Ann Vasc Surg.* 2018 May;49:107-114. Doi: 10.1016/j.avsg.2017.11.054. Epub 2018 Feb 23. PMID: 29481924.
166. Berretta P, Trimarchi S, Patel HJ, Gleason TG, Eagle KA, Di Eusanio M. Malperfusion syndRomas in type A aortic dissection: what we have learned from IRAD. *J Vis Surg.* 2018 Mar 31;4:65. doi: 10.21037/jovs.2018.03.13. PMID: 29682475; PMCID: PMC5897661.
167. de Beaufort HWL, Ferrara A, Conti M, Moll FL, van Herwaarden JA, Figueroa CA, Bismuth J, Auricchio F, Trimarchi S. Comparative Analysis of Porcine and Human Thoracic Aortic Stiffness. *Eur J Vasc Endovasc Surg.* 2018 Apr;55(4):560-566. doi: 10.1016/j.ejvs.2017.12.014. PMID: 29402669.
168. Evangelista A, Isselbacher EM, Bossone E, Gleason TG, Eusanio MD, Sechtem U, Ehrlich MP, Trimarchi S, Braverman AC, Myrmet T, Harris KM, Hutchinson S, O'Gara P, Suzuki T, Nienaber CA, Eagle KA; IRAD Investigators. Insights From the

- International Registry of Acute Aortic Dissection: A 20-Year Experience of Collaborative Clinical Research. *Circulation*. 2018 Apr 24;137(17):1846-1860. doi: 10.1161/CIRCULATIONAHA.117.031264. PMID: 29685932.
169. van Bakel TM, de Beaufort HW, Trimarchi S, Marrocco-Trischitta MM, Bismuth J, Moll FL, Patel HJ, van Herwaarden JA. Status of branched endovascular aortic arch repair. *Ann Cardiothorac Surg*. 2018 May;7(3):406-413. Doi: 10.21037/acs.2018.03.13. PMID: 30155420; PMCID: PMC6094020.
 170. de Beaufort HWL, Coda M, Conti M, van Bakel TMJ, Nauta FJH, Lanzarone E, Moll FL, van Herwaarden JA, Auricchio F, Trimarchi S. Correction: Changes in aortic pulse wave velocity of four thoracic aortic stent grafts in an ex vivo porcine model. *PLoS One*. 2018 May 10;13(5):e0197453. Doi: 10.1371/journal.pone.0197453. Erratum for: *PLoS One*. 2017 Oct 5;12(10):e0186080. PMID: 29746602; PMCID: PMC5944934.
 171. Lomazzi C, Grassi V, Segreti S, Cova M, Bissacco D, Bush RL, Trimarchi S. Pre-operative Color Doppler Ultrasonography Predicts Endovenous Heat Induced Thrombosis after Endovenous Radiofrequency Ablation. *Eur J Vasc Endovasc Surg*. 2018 Jul;56(1):94-100. Doi: 10.1016/j.ejvs.2018.02.025. Epub 2018 May 23. Erratum in: *Eur J Vasc Endovasc Surg*. 2018 Oct 3;: PMID: 29802054.
 172. Nauta FJH, de Beaufort HWL, Conti M, Marconi S, Kamman AV, Ferrara A, van Herwaarden JA, Moll FL, Auricchio F, Trimarchi S. Corrigendum to: 'Impact of thoracic endovascular aortic repair on radial strain in an ex vivo porcine model' [*Eur J Cardiothorac Surg* 2017;51(4):783-789]. *Eur J Cardiothorac Surg*. 2018 Jun 1;53(6):1299. doi: 10.1093/ejcts/ezy182. Erratum for: *Eur J Cardiothorac Surg*. 2017 Apr 1;51(4):783-789. PMID: 29718145.
 173. van Bakel TM, Romarowski RM, Morganti S, van Herwaarden JA, Moll FL, de Beaufort HW, Marrocco-Trischitta MM, Secchi F, Conti M, Auricchio F, Trimarchi S. Blood Flow after Endovascular Repair in the Aortic Arch: A Computational Analysis. *Aorta (Stamford)*. 2018 Jun;6(3):81-87. doi: 10.1055/s-0039-1683771. Epub 2019 Feb 22. PMID: 30795032; PMCID: PMC6386644.
 174. Tjaden BL Jr, Sandhu H, Miller C, Gable D, Trimarchi S, Weaver F, Azizzadeh A. Outcomes from the GORE Global Registry for Endovascular Aortic Treatment in patients undergoing thoracic endovascular aortic repair for type B dissection. *J Vasc Surg*. 2018 Nov;68(5):1314-1323. doi: 10.1016/j.jvs.2018.03.391. Epub 2018 Jun 23. PMID: 29941315.
 175. de Beaufort HW, Shah DJ, Patel AP, Jackson MS, Spinelli D, Yang EY, Ghosn MG, Autry K, Igo SR, Lumsden AB, Little SH, Trimarchi S, Bismuth J. Four-dimensional flow cardiovascular magnetic resonance in aortic dissection: Assessment in an ex vivo model and preliminary clinical experience. *J Thorac Cardiovasc Surg*. 2019 Feb;157(2):467-476.e1. doi: 10.1016/j.jtcvs.2018.06.022. Epub 2018 Jul 3. PMID: 30121136.
 176. van Bakel TM, Arthurs CJ, van Herwaarden JA, Moll FL, Eagle KA, Patel HJ, Trimarchi S, Figueroa CA. A computational analysis of different endograft designs for Zone 0 aortic arch repair. *Eur J Cardiothorac Surg*. 2018 Aug 1;54(2):389-396. doi: 10.1093/ejcts/ezy068. PMID: 29554234.
 177. Belvroy VM, Houben IB, Trimarchi S, Patel HJ, Moll FL, Van Herwaarden JA. Identifying and addressing the limitations of EVAR technology. *Expert Rev Med Devices*. 2018 Aug;15(8):541-554. doi: 10.1080/17434440.2018.1505496. Epub 2018 Aug 6. PMID: 30058398.
 178. Marconi S, Lanzarone E, van Bogerijen GHW, Conti M, Secchi F, Trimarchi S, Auricchio F. A compliant aortic model for in vitro simulations: Design and manufacturing process. *Med Eng Phys*. 2018 Sep;59:21-29. Doi: 10.1016/j.medengphys.2018.04.022. Epub 2018 Aug 1. PMID: 30077485.
 179. Spinelli D, Benedetto F, Donato R, Piffaretti G, Marrocco-Trischitta MM, Patel HJ, Eagle KA, Trimarchi S. Current evidence in predictors of aortic growth and events in acute type B aortic dissection. *J Vasc Surg*. 2018 Dec;68(6):1925-1935.e8. doi: 10.1016/j.jvs.2018.05.232. Epub 2018 Aug 13. PMID: 30115384.
 180. van Bakel TMJ, Figueroa CA, van Herwaarden JA, Trimarchi S. Commentary: Challenges of Thoracic Endovascular Aortic Repair for Type B Aortic Dissection. *J Endovasc Ther*. 2018 Oct;25(5):578-580. doi: 10.1177/1526602818795153. Epub 2018 Aug 27. PMID: 30146927.
 181. Trimarchi S, de Beaufort HWL, Tolenaar JL, Bavaria JE, Desai ND, Di Eusanio M, Di Bartolomeo R, Peterson MD, Ehrlich M, Evangelista A, Montgomery DG, Myrmel T, Hughes GC, Appoo JJ, De Vincentiis C, Yan TD, Nienaber CA, Isselbacher EM, Deeb GM, Gleason TG, Patel HJ, Sundt TM, Eagle KA. Acute aortic dissections with entry tear in the arch: A report from the International Registry of Acute Aortic Dissection. *J Thorac Cardiovasc Surg*. 2019 Jan;157(1):66-73. Doi: 10.1016/j.jtcvs.2018.07.101. Epub 2018 Sep 21. PMID: 30396735.
 182. Lomazzi C, Grassi V, Segreti S, Cova M, Bissacco D, Bush RL, Trimarchi S. Corrigendum to 'Pre-operative Color Doppler Ultrasonography Predicts Endovenous Heat Induced Thrombosis After Endovenous Radiofrequency Ablation' [*European Journal of Vascular & Endovascular Surgery* 56/1 (2018) 94-100]. *Eur J Vasc Endovasc Surg*. 2018 Dec;56(6):921. doi: 10.1016/j.ejvs.2018.09.015. Epub 2018 Oct 3. Erratum for: *Eur J Vasc Endovasc Surg*. 2018 Jul;56(1):94-100. PMID: 30292580.
 183. Romarowski RM, Conti M, Morganti S, Grassi V, Marrocco-Trischitta MM, Trimarchi S, Auricchio F. Computational simulation of TEVAR in the ascending aorta for optimal endograft selection: A patient-specific case study. *Comput Biol Med*. 2018 Dec 1;103:140-147. doi: 10.1016/j.compbimed.2018.10.014. Epub 2018 Oct 18. PMID: 30368170.
 184. van Bakel TMJ, Grassi V, Patel HJ, Trimarchi S. Commentary: Dynamic Mesenteric Malperfusion in Aortic Dissection. *J Endovasc Ther*. 2019 Feb;26(1):88-89. doi: 10.1177/1526602818820589. Epub 2018 Dec 24. PMID: 30580696.
 185. Belvroy VM, de Beaufort HWL, van Herwaarden JA, Bismuth J, Moll FL, Trimarchi S. Tortuosity of the descending thoracic aorta: Normal values by age. *PLoS One*. 2019 Apr 23;14(4):e0215549. doi: 10.1371/journal.pone.0215549. PMID: 31013307; PMCID: PMC6478292.
 186. Marrocco-Trischitta MM, Romarowski RM, de Beaufort HW, Conti M, Vitale R, Secchi F, Auricchio F, Trimarchi S. The Modified Arch Landing Areas Nomenclature identifies hostile zones for endograft deployment: a confirmatory biomechanical study in patients treated by thoracic endovascular aortic repair. *Eur J Cardiothorac Surg*. 2019 May 1;55(5):990-997. doi: 10.1093/ejcts/ezy409. PMID: 30535119.
 187. Piffaretti G, Grassi V, Lomazzi C, Brinkman WT, Navarro TP, Jenkins MP, Trimarchi S; GREAT participants. Thoracic endovascular stent graft repair for ascending aortic diseases. *J Vasc Surg*. 2019 Nov;70(5):1384-1389.e1. Doi: 10.1016/j.jvs.2019.01.075. Epub 2019 May 21. PMID: 31126763.
 188. van Bakel TMJ, Arthurs CJ, Nauta FJH, Eagle KA, van Herwaarden JA, Moll FL, Trimarchi S, Patel HJ, Figueroa CA. Cardiac remodelling following thoracic endovascular aortic repair for descending aortic aneurysms. *Eur J Cardiothorac Surg*. 2019 Jun 1;55(6):1061-1070. doi: 10.1093/ejcts/ezy399. PMID: 30535179; PMCID: PMC6537936.

189. Spinelli D, Marconi S, Caruso R, Conti M, Benedetto F, De Beaufort HW, Auricchio F, **Trimarchi S**. 3D printing of aortic models as a teaching tool for improving understanding of aortic disease. *J Cardiovasc Surg (Torino)*. 2019 Oct;60(5):582-588. doi: 10.23736/S0021-9509.19.10841-5. Epub 2019 Jun 26. PMID: 31256581.
190. Lomazzi C, Grassi V, Domanin M, De Vincentiis C, Piffaretti G, **Trimarchi S**. Art of operative techniques: treatment options in arch penetrating aortic ulcer. *Ann Cardiothorac Surg*. 2019 Jul;8(4):500-508. doi: 10.21037/acs.2019.07.06. PMID: 31463216; PMCID: PMC6687965.
191. Troisi N, De Blasis G, Salvini M, Michelagnoli S; LIMBSAVE registry Collaborative Group. Safety and effectiveness of a new valvulotome: insights from the LIMBSAVE registry. *Int Angiol*. 2019 Aug;38(4):299-304. Doi: 10.23736/S0392-9590.19.04199-3. Epub 2019 Jul 24. PMID: 31345009.
192. Domanin M, **Trimarchi S**. Commentary: Another Issue for the Modern Vascular Specialist to Consider: Advanced Imaging Software. *J Endovasc Ther*. 2019 Oct;26(5):688-690. Doi: 10.1177/1526602819866437. Epub 2019 Jul 31. PMID: 31364462.
193. Belvroy VM, de Beaufort HWL, van Herwaarden JA, **Trimarchi S**, Moll FL, Bismuth J. Type 1b Endoleaks After Thoracic Endovascular Aortic Repair are Inadequately Reported: A Systematic Review. *Ann Vasc Surg*. 2020 Jan;62:474-483. doi: 10.1016/j.avsg.2019.06.030. Epub 2019 Aug 23. PMID: 31449934.
194. Nauta F, de Beaufort H, Mussa FF, De Vincentiis C, Omura A, Matsuda H, **Trimarchi S**. Management of retrograde type A IMH with acute arch tear/type B dissection. *Ann Cardiothorac Surg*. 2019 Sep;8(5):531-539. Doi: 10.21037/acs.2019.08.05. PMID: 31667150; PMCID: PMC6785497.
195. Zubair MM, de Beaufort HWL, Belvroy VM, Schwein A, Irshad A, Mohamed A, Gomez LF, Chinnadurai P, Nabi F, Yang EY, **Trimarchi S**, Reardon MJ, Bismuth J. Impact of Cardiac Cycle on Thoracic Aortic Geometry-Morphometric Analysis of Ecg Gated Computed Tomography. *Ann Vasc Surg*. 2020 May;65:174-182. Doi: 10.1016/j.avsg.2019.10.072. Epub 2019 Oct 31. PMID: 31678128.
196. Sultan I, Bianco V, Patel HJ, Arnaoutakis GJ, Di Eusanio M, Chen EP, Leshnower B, Sundt TM, Sechtem U, Montgomery DG, **Trimarchi S**, Eagle KA, Gleason TG. Surgery for type A aortic dissection in patients with cerebral malperfusion: Results from the International Registry of Acute Aortic Dissection. *J Thorac Cardiovasc Surg*. 2021 May;161(5):1713-1720.e1. doi:10.1016/j.jtcvs.2019.11.003. Epub 2019 Nov 15. PMID: 31959445.
197. Marrocco-Trischitta MM, Ryłski B, Schofer F, Secchi F, Piffaretti G, de Beaufort H, Belvroy V, Bismuth J, Czerny M, **Trimarchi S**. Prevalence of type III arch configuration in patients with type B aortic dissection. *Eur J Cardiothorac Surg*. 2019 Dec 1;56(6):1075-1080. doi: 10.1093/ejcts/ezz137. Erratum in: *Eur J Cardiothorac Surg*. 2019 Dec 1;56(6):1208. PMID: 31038681.
198. Marrocco-Trischitta MM, Ryłski B, Schofer F, Secchi F, Piffaretti G, de Beaufort H, Belvroy V, Bismuth J, Czerny M, **Trimarchi S**. Corrigendum to 'Prevalence of type III arch configuration in patients with type B aortic dissection' [*Eur J Cardiothorac Surg* 2019; doi:10.1093/ejcts/ezz137]. *Eur J Cardiothorac Surg*. 2019 Dec 1;56(6):1208. doi: 10.1093/ejcts/ezz172. Erratum for: *Eur J Cardiothorac Surg*. 2019 Dec 1;56(6):1075-1080. PMID: 31131403.
199. D'Alessio I, Domanin M, Bellobuono A, Boni L, Cassinotti E, Romagnoli S, Rolli A, Del Gobbo A, **Trimarchi S**. Caveat for Vascular Surgeons: Lesson Learned from Acute Onset of a Rare Aortic Paraganglioma in a Young Boy. *Ann Vasc Surg*. 2020 Jul;66:667.e1-667.e7. Doi: 10.1016/j.avsg.2019.12.016. Epub 2020 Jan 2. PMID: 31904513.
200. Belvroy VM, Romarowski RM, van Bakel TMJ, van Herwaarden JA, Bismuth J, Auricchio F, Moll FL, **Trimarchi S**. Impact of Aortic Tortuosity on Displacement Forces in Descending Thoracic Aortic Aneurysms. *Eur J Vasc Endovasc Surg*. 2020 Apr;59(4):557-564. doi: 10.1016/j.ejvs.2019.09.503. Epub 2020 Jan 7. PMID: 31924459.
201. Torsello GF, Beropoulis E, Munaò R, **Trimarchi S**, Torsello GB, Austermann M. Outcomes of bridging stent grafts in fenestrated and branched endovascular aortic repair. *J Vasc Surg*. 2020 Sep;72(3):859-865. Doi: 10.1016/j.jvs.2019.10.089. Epub 2020 Jan 19. PMID: 31964573.
202. Porta M, Cova M, Segreti S, Asti E, Milito P, **Trimarchi S**, Bonavina L. Laparoscopic Clipping of the Inferior Mesenteric Artery and Intraoperative Indocyanine Green Angiography for Type II Endoleak Following Endovascular Aneurysm Repair. *J Laparoendosc Adv Surg Tech A*. 2020 Apr;30(4):413-415. Doi: 10.1089/lap.2019.0766. Epub 2020 Jan 28. PMID: 31990613.
203. Nienaber CA, Yuan X, AboUKoura M, Blanke P, Jakob R, Janosi RA, Lovato L, Rimbaut V, Trebacz J, **Trimarchi S**, Zipfel B, van den Berg JC; ASSIST study group. Improved Remodeling With TEVAR and Distal Bare-Metal Stent in Acute Complicated Type B Dissection. *Ann Thorac Surg*. 2020 Nov;110(5):1572-1579. Doi: 10.1016/j.athoracsurg.2020.02.029. Epub 2020 Mar 20. PMID: 32205112.
204. Belvroy VM, de Beaufort HWL, van Herwaarden JA, Bismuth J, Piffaretti G, Moll FL, **Trimarchi S**. Tortuosity of the Descending Thoracic Aorta in Patients with Aneurysm and Type B Dissection. *World J Surg*. 2020 Apr;44(4):1323-1330. doi: 10.1007/s00268-019-05328-w. PMID: 31873803.
205. Walsh K, O'Connor DJ, Weaver F, **Trimarchi S**, Cao L, Wilderman M, Ratnathicam A, Cook K, Napolitano M, Simonian G. Survival after endovascular therapy in patients with ruptured thoracic aortic diseases: Results from the Global Registry for Endovascular Aortic Treatment Registry. *J Vasc Surg*. 2020 Nov;72(5):1544-1551. doi: 10.1016/j.jvs.2020.02.022. Epub 2020 Apr 8. PMID: 32278574.
206. Czerny M, Eggebrecht H, Rousseau H, Mouroz PR, Janosi RA, Lescan M, Schlensak C, Böckler D, Ante M, Weijde EV, Heijmen R, Eckstein HH, Reutersberg B, **Trimarchi S**, Schmidli J, Wyss T, Frey R, Makaloski V, Brunkwall J, Mylonas S, Szeberin Z, Klocker J, Gottardi R, Schusterova I, Morlock J, Berger T, Beyersdorf F, Ryłski B. Distal Stent Graft-Induced New Entry After TEVAR or FET: Insights Into a New Disease From EuREC. *Ann Thorac Surg*. 2020 Nov;110(5):1494-1500. doi: 10.1016/j.athoracsurg.2020.02.079. Epub 2020 Apr 10. PMID: 32283085.
207. Lomazzi C, Mascoli C, de Beaufort HWL, Cao P, Weaver F, Milner R, Fillinger M, Verhoeven E, Grassi V, Gargiulo M, **Trimarchi S**, Piffaretti G; GREAT participants. Gender Related Access Complications After TEVAR: Analysis from the Retrospective Multicentre Cohort GORE® GREAT registry Study. *Eur J Vasc Endovasc Surg*. 2020 Aug;60(2):203-209. doi: 10.1016/j.ejvs.2020.04.015. Epub 2020 May 10. PMID: 32402803.
208. Settembrini AM, Bissacco D, Romagnoli S, **Trimarchi S**. Vascular Surgeon Discomfort in a Pandemic Setting. *Ann Vasc Surg*. 2020 Nov;69:89. Doi: 10.1016/j.avsg.2020.07.016. Epub 2020 Jul 28. PMID: 32736024; PMCID: PMC7386307.
209. Domanin M, Piazzoli G, **Trimarchi S**, Vergara C. Image-Based Displacements Analysis and Computational Blood Dynamics after Endovascular Aneurysm Repair. *Ann Vasc Surg*. 2020 Nov;69:400-412. doi: 10.1016/j.avsg.2020.07.014. Epub 2020 Jul 30. PMID: 32738387.
210. Marrocco-Trischitta MM, de Beaufort HW, Piffaretti G, Bonardelli S, Gargiulo M, Antonello M, van Herwaarden JA, Boveri S, Bellosta R, **Trimarchi S**; MALAN Collaborators. The Modified Arch Landing Areas Nomenclature predicts proximal endograft

- failure after thoracic endovascular aortic repair. *Eur J Cardiothorac Surg*. 2020 Aug 1;58(2):309-318. doi: 10.1093/ejcts/ezaa115. PMID: 32436941.
211. Bonalumi G, Giambuzzi I, Barbone A, Ranieri C, Cavallotti L, Trabattoni P, Naliato M, Polvani G, Torracca L, Pelenghi S, Ragni F, Russo CF, Guerra F, **Trimarchi S**, Civilini E, Romani F, Bellosta R, Losa S, Roberto M, Alamanni F. A call to action becomes practice: cardiac and vascular surgery during the COVID-19 pandemic based on the Lombardy emergency guidelines. *Eur J Cardiothorac Surg*. 2020 Aug 1;58(2):319-327. doi: 10.1093/ejcts/ezaa204. PMID: 32584978; PMCID: PMC7337742.
 212. Bellosta R, Bissacco D, Rossi G, Pirrelli S, Lanza G, Frigerio D, Chiesa R, Castelli P, Bonardelli S, **Trimarchi S**; Vascular Surgery Group of Regione Lombardia (VSG-RL) registry participants. Differences in hub and spoke vascular units practice during the novel Coronavirus-19 (COVID-19) outbreak in Lombardy, Italy. *J Cardiovasc Surg (Torino)*. 2021 Feb;62(1):71-78. Doi: 10.23736/S0021-9509.20.11564-7. Epub 2020 Sep 23. PMID: 32964897.
 213. Teraa M, Hazenberg CE, Houben IB, **Trimarchi S**, van Herwaarden JA. Important issues regarding planning and sizing for emergent TEVAR. *J Cardiovasc Surg (Torino)*. 2020 Dec;61(6):708-712. doi: 10.23736/S0021-9509.20.11571-4. Epub 2020 Sep 23. PMID: 32964898.
 214. D'Alessio I, Domanin M, Bissacco D, Rimoldi P, Palmieri B, Piffaretti G, **Trimarchi S**. Thoracic endovascular aortic repair for traumatic aortic injuries: insight from literature and practical recommendations. *J Cardiovasc Surg (Torino)*. 2020 Dec;61(6):681-696. doi: 10.23736/S0021-9509.20.11580-5. Epub 2020 Sep 23. PMID: 32964899.
 215. **Trimarchi S**. Thoracic endovascular aortic repair in emergent scenarios: possibilities, perspectives and outcomes. *J Cardiovasc Surg (Torino)*. 2020 Dec;61(6):673-674. doi: 10.23736/S0021-9509.20.11632-X. Epub 2020 Sep 23. PMID: 32964903.
 216. Belvroy VM, Zubair MM, van Herwaarden JA, **Trimarchi S**, Moll FL, Bismuth J. Important longitudinal and circumferential pulsatile changes in zone 0 of the aorta during the cardiac cycle. *Eur J Cardiothorac Surg*. 2020 Oct 1;ezaa306. doi: 10.1093/ejcts/ezaa306. Epub ahead of print. PMID: 33001164.
 217. Bissacco D, Grassi V, Lomazzi C, Domanin M, Bellosta R, Piffaretti G, **Trimarchi S**. Is there a vascular side of the story? Vascular consequences during COVID-19 outbreak in Lombardy, Italy. *J Card Surg*. 2021 May;36(5):1677-1682. doi: 10.1111/jocs.15069. Epub 2020 Oct 4. PMID: 33012015; PMCID: PMC7675479.
 218. Bissacco D, Lomazzi C, **Trimarchi S**. Take a look a little bit over: Femoral valve and lower limb venous disease. *Vascular*. 2021 Jun;29(3):472-473. Doi: 10.1177/1708538120961692. Epub 2020 Oct 6. PMID: 33019913.
 219. **Trimarchi S**, Grassi V, Lomazzi C, Domanin M, Bissacco D, Bellosta R, Piffaretti G. Endovascular type A aortic repair-When? *J Card Surg*. 2021 May;36(5):1742-1744. doi: 10.1111/jocs.15103. Epub 2020 Oct 8. PMID: 33029800.
 220. Katsarou M, Grassi V, Lomazzi C, Domanin M, **Trimarchi S**. Acute retrograde type A intramural hematoma during severe acute respiratory syndrome coronavirus 2 pandemic. *J Vasc Surg*. 2021 Jun;73(6):2166-2167. Doi: 10.1016/j.jvs.2020.09.019. Epub 2020 Oct 15. PMID: 33068766; PMCID: PMC7558231.
 221. Casana R, Bissacco D, Malloggi C, Tolva VS, Odero A Jr, Domanin M, **Trimarchi S**, Silani V, Parati G. Aortic arch types and postoperative outcomes after carotid artery stenting in asymptomatic and symptomatic patients. *Int Angiol*. 2020 Dec;39(6):485-491. doi: 10.23736/S0392-9590.20.04494-6. Epub 2020 Oct 21. PMID: 33086779.
 222. Piffaretti G, **Trimarchi S**, Gelpi G, Romagnoni C, Ferrarese S, Tozzi M, Bush RL, Lomazzi C. Hybrid repair of extensive thoracic aortic aneurysms. *Eur J Cardiothorac Surg*. 2020 Nov 1;58(5):940-948. doi: 10.1093/ejcts/ezaa178. PMID: 32728726.
 223. Domanin M, Antonelli B, Crotti S, D'Alessio I, Fornoni G, Bottino N, Settembrini AM, Marongiu I, Suriano G, TAGliabue P, Carrara A, Alagna L, **Trimarchi S**, Pesenti A, Rossi G. Concurrent Thoracic Endovascular Aortic Repair and Liver Transplant: Multidisciplinary Management of Multiple Posttraumatic Lesions. *Ann Vasc Surg*. 2021 Apr;72:662.e7-662.e14. Doi: 10.1016/j.avsg.2020.09.070. Epub 2020 Nov 21. PMID: 33227463.
 224. Casana R, Domanin M, Malloggi C, Tolva VS, Odero Jr A Jr, Bissacco D, **Trimarchi S**, Silani V, Parati G. Influence of contralateral carotid artery occlusions on short- and long-term outcomes of carotid artery stenting: a retrospective single-center analysis and review of literature. *Int Angiol*. 2021 Apr;40(2):87-96. doi: 10.23736/S0392-9590.20.04525-3. Epub 2020 Dec 4. PMID: 33274909.
 225. Lomazzi C, **Trimarchi S**. Local and Not Crucial Issue Needs To Interest the Global Community? *Eur J Vasc Endovasc Surg*. 2021 Mar;61(3):422. Doi: 10.1016/j.ejvs.2020.12.001. Epub 2020 Dec 24. PMID: 33358459.
 226. **Trimarchi S**. The Society for Vascular Surgery thoracic endovascular aortic repair guidelines support thoracic endovascular aortic repair as the primary therapy for the treatment of thoracic aortic aneurysms. *J Vasc Surg*. 2021 Jan;73(1S):53S-54S. doi: 10.1016/j.jvs.2020.07.070. PMID: 33349349.
 227. Vespro V, Fusco S, Ierardi AM, Grassi V, D'Alessio I, Crespi S, Andrisani MC, Bellobuono A, **Trimarchi S**, Carrafiello G. A rare case of paradoxical pulmonary embolism in spontaneous aortocaval fistula. *BJR Case Rep*. 2021 Jan 6;7(3):20200183. doi: 10.1259/bjrcr.20200183. PMID: 34131500; PMCID: PMC8171143.
 228. Spinelli D, Weaver FA, Azizzadeh A, Magee GA, Piffaretti G, Benedetto F, Miller CC, Sandhu HK, Gable DR, **Trimarchi S**. Endovascular treatment of complicated versus uncomplicated acute type B aortic dissection. *J Thorac Cardiovasc Surg*. 2021 Jan 21:S0022-5223(21)00123-9. Doi: 10.1016/j.jtcvs.2021.01.027. Epub ahead of print. PMID: 33612294.
 229. Pupovac SS, Hemli JM, Bavaria JE, Patel HJ, **Trimarchi S**, Pacini D, Bekeredjian R, Chen EP, Myrmet T, Ouzounian M, Fanola C, Korach A, Montgomery DG, Eagle KA, Brinster DR. Moderate vs Deep Hypothermia in Type A Acute Aortic Dissection Repair: Insights from IRAD. *Ann Thorac Surg*. 2021 Jan 27:S0003-4975(21)00126-0. doi: 10.1016/j.athoracsurg.2021.01.027. Epub ahead of print. PMID: 33515541.
 230. COVIDSurg Collaborative; GlobalSurg Collaborative. Timing of surgery following SARS-CoV-2 infection: an international prospective cohort study. *Anaesthesia*. 2021 Jun;76(6):748-758. doi: 10.1111/anae.15458. Epub 2021 Mar 9. PMID: 33690889; PMCID: PMC8206995.
 231. Bellosta R, Piffaretti G, Bonardelli S, Castelli P, Chiesa R, Frigerio D, Lanza G, Pirrelli S, Rossi G, **Trimarchi S**; Lombardy Covid-19 Vascular Study Group. Regional Survey in Lombardy, Northern Italy, on Vascular Surgery Intervention Outcomes During The COVID-19 Pandemic. *Eur J Vasc Endovasc Surg*. 2021 Apr;61(4):688-697. doi: 10.1016/j.ejvs.2021.01.037. Epub 2021 Mar 13. PMID: 33722483.
 232. COVIDSurg Collaborative; GlobalSurg Collaborative. SARS-CoV-2 vaccination modelling for safe surgery to save lives: data from an international prospective cohort study. *Br J Surg*. 2021 Mar 24;znab101. doi: 10.1093/bjs/znab101. Epub ahead of print. PMID: 33761533; PMCID: PMC7995808.

233. Domanin M, Bissacco D, Romarowsky RM, Conti M, Auricchio F, Ferraresi M, **Trimarchi S**. Drag Forces after Thoracic Endovascular Aortic Repair. General Review of the Literature. *Ann Vasc Surg*. 2021 Apr 3;50890-5096(21)00263-6. Doi: 10.1016/j.avsg.2021.02.042. Epub ahead of print. PMID: 33823255.
234. Piffaretti G, Czerny M, Riambau V, Gottardi R, Wolfgruber T, Probst C, Matt P, Antonello M, Gerosa G, Hamady M, Fontana F, Ferraresi S, Lomazzi C, Grassi V, Fernandez-Alonso S, **Trimarchi S**. Endovascular repair of ascending aortic diseases with custom-made endografts. *Eur J Cardiothorac Surg*. 2021 Apr 29;59(4):741-749. doi: 10.1093/ejcts/ezaa383. PMID: 33394032.
235. Bissacco D, Domanin M, **Trimarchi S**. Moving on unconventional research fields for carotid endarterectomy in asymptomatic patients. *J Vasc Surg*. 2021 May;73(5):1834. doi: 10.1016/j.jvs.2020.11.050. PMID: 33894896.
236. **Trimarchi S**, Bissacco D, Lomazzi C, Domanin M. The best in the whole. *Eur J Cardiothorac Surg*. 2021 May 5;ezab236. doi: 10.1093/ejcts/ezab236. Epub ahead of print. PMID: 33954586.
237. Czerny M, Gottardi R, Puiu P, Bernecker OY, Citro R, Della Corte A, di Marco L, Fink M, Gossiau Y, Haldenwang PL, Heijmen RH, Hugas-Mallorqui M, Iesu S, Jacobsen O, Jassar AS, Juraszek A, Kolowca M, Lepidi S, Marrocco-Trischitta MM, Matsuda H, Meisenbacher H, Micari A, Minatoya K, Park KH, Peterss S, Petrich M, C, Hamiko M, Huber F, Hyhlik-Duerr A, Ianelli G, Iesu I, Jung JC, Kainz FM, Katsargyris A, Koter S, Kusmierczyk M, Kolsut P, Lengyel B, Lomazzi C, Muneretto C, Nava G, Nolte T, Pacini D, Pleban E, Rychla M, Sakamoto K, Shijo T, Yokawa K, Siepe M, Sirch J, Strauch J, Sule JA, Tobler EL, Walter C, Weigang E. Impact of the coronavirus disease 2019 (COVID-19) pandemic on the care of patients with acute and chronic aortic conditions. *Eur J Cardiothorac Surg*. 2021 May 8;59(5):1096-1102. doi: 10.1093/ejcts/ezaa452. PMID: 33394040; PMCID: PMC7799089.
238. Loor G, Gleason TG, Myrmel T, Korach A, **Trimarchi S**, Desai ND, Bavaria JE, de Vincentiis C, Ouzounian M, Sechtem U, Montgomery DG, Chen EP, Maniar H, Sundt TM, Patel H. Effect of Aortic Valve Type on Patients Who Undergo Type A Aortic Dissection Repair. *Semin Thorac Cardiovasc Surg*. 2021 May 11;S1043-0679(21)00197-0. doi: 10.1053/j.semctvs.2021.04.003. Epub ahead of print. PMID: 33984483.
239. Lomazzi C, Bissacco D, Logan MS, Grassi V, Piffaretti G, **Trimarchi S**, Bush RL. Risk factors for saphenous vein recanalization after endovenous radiofrequency ablation. *J Cardiovasc Surg (Torino)*. 2021 May 20. doi: 10.23736/S0021-9509.21.11908-1. Epub ahead of print. PMID: 34014061.
240. Huckaby LV, Sultan I, **Trimarchi S**, Leshnowar B, Chen EP, Brinster DR, Myrmel T, Estrera AL, Montgomery DG, Korach A, Eckstein HH, Coselli JS, Ota T, Kaiser CA, Eagle KA, Patel HJ, Gleason TG. Sex-Based Aortic Dissection Outcomes From the International Registry of Acute Aortic Dissection. *Ann Thorac Surg*. 2021 May 27;S0003-4975(21)00727-X. doi: 10.1016/j.athoracsurg.2021.03.100. Epub ahead of print. PMID: 34090668.
241. Piffaretti G, **Trimarchi S**. Landing in 'zone 0' during hybrid aortic arch surgery: the 'soundness' based on clinical and morphological selection. *Eur J Cardiothorac Surg*. 2021 Jun 14;59(6):1236-1237. doi: 10.1093/ejcts/ezab024. PMID: 33569595.
242. Bissacco D, Franchin M, Piffaretti G, Luzzani L, D'Oria M, Casana R, Domanin M, Bellosta R, **Trimarchi S**. Impact of COVID-19 on aortic operations. *Semin Vasc Surg*. 2021 Jun;34(2):37-42. doi: 10.1053/j.semvascsurg.2021.04.002. Epub 2021 May 20. PMID: 34144746.
243. Angleitner P, Brinster Dr, Gleason TG, Harris KM, Evangelista A, Bekereditian R, Montgomery DG, Sandhu HK, Arnaoutakis GJ, Eusano MD, **Trimarchi S**, Nienaber CA, Isselbacher EM, Eagle Ka, Ehrlich MP. Type A acute aortic dissection presenting with cerebrovascular accident at advanced age. *Semin thorac cardiovasc surg*. 2021 jun 16;s1043-0679(21)00289-6. Doi: 10.1053/j.semctvs.2021.06.008. Online ahead of print. PMID: 34146671.
244. Bennati L, Vergara C, Domanin M, Malloggi C, Bissacco D, **Trimarchi S**, Silani V, Parati G, Casana R. A Computational Fluid-Structure Interaction Study for Carotids With Different Atherosclerotic Plaques. *J Biomech Eng*. 2021 Sep 1;143(9):091002. doi: 10.1115/1.4050910. PMID: 33876184.

Capitoli di libri 12

1. Tealdi DG, Rampoldi V, **Trimarchi S**. Le dissecazioni aortiche di tipo B: trattamento medico o chirurgico? In: Chiesa R, Melissano G - Gli aneurismi dell'aorta toracica e toraco-addominale. Pag. 203-213. Europa scienze Umane editrice. ISBN: 88-86270-16-x. 01-10-1998.
2. Rampoldi V, **Trimarchi S**, Tolva Arpesani A. Le Dissecazioni Aortiche. In: Ruberti U, Scorza R - Emergenze Vascolari. Ed. UTET 2003. ISBN: 88-02-05591-2.
3. Sangiorgi GM, Mauriello A, **Trimarchi S**, Biondi Zoccai G, Virmani R, Spagnoli LG. Pathobiology of the asymptomatic atherosclerotic carotid plaque. 2006
4. **Trimarchi S**, Myrmel T, Panza A, Di Benedetto G, Rampoldi V. Vascular Surgical Options. In: Aortic Dissection and Related SyndRomas, Pag 333-346; Ed. Springer 2007. ISBN 13: 978-0387-36000-3.
5. Myrmel T, **Trimarchi S**, Rampoldi V. Cardiovascular Surgery In The Initial Treatment Of Aortic Dissections And Acute Aortic SyndRomas. In: "Aortic Dissection And Related SyndRomas", Pag 167-190; Ed. Springer 2007. ISBN: 978-0387-36000-3.
6. Sangiorgi G, Mauriello A, **Trimarchi S**, Bonanno E, Spagnoli Lg. Atherogenesis And Inflammationin: Di Mario C, Dangas Gd, Barlis P - Interventional Cardiology: Principles And Practice. Pages 10-29. Ed. Wiley-Blackwell 2011. ISBN: 978-1405-17887-7.
7. **Trimarchi S**, Pegorer M, Rampoldi V. Retrograde ascending dissections during or after thoracic endograft implantation. In: Pratesi C, Pulli R - Managemnet of complications after EVAR and TEVAR. Pages 68-71. Ed. Minerva Medica, Torino, 2012. ISBN 978-88-7711-750-2.
8. Tolenaar JL, **Trimarchi S**: Arch debranching. Clinical Scenarios in Surgery. Ed. Lippincott Williams & Wilkins, 11 april 2013.
9. Harris KM, Tolenaar JL, Eagle KA, **Trimarchi S**. Intramural Hematoma Of The Descending Aorta-Natural History And Treatment. In: Bonser RS Pagano DA Haverich A, Mascaro J. - Controversies In Aortic Dissection And Aneurysmal Disease. Pages 397-411. Springer-Verlag London LTD. 1 January 2014.
10. **Trimarchi S**, De Vincentiis C, Rampoldi V: Acute type B dissection - open repair. Cardiac text book "how I do the procedure". Ed. McGraw-Hill, in press.
11. Tolenaar JL, Tshiombo G, **Trimarchi S**. Aortic Arch Debranching. In: Upchurch Gr Jr, Henke Pk - Clinical Scenarios In

- Vascular Surgery, 2nd Ed. 2015. Wolters Kluwer Health Adis (Esp). 24 February 2015.
12. Tolenaar JL, Trimarchi S, Upchurch GR Jr. Tevar For Type B Dissection With Maplerfusion. In: Upchurch Gr Jr, Henke Pk - Clinical Scenarios In Vascular Surgery, 2nd Ed. 2015. Wolters Kluwer Health Adis (Esp). 24 February 2015.

Testo scientifico:

1. Trimarchi S. Insights into Acute Aortic Dissection. Gilderprint-Drukkerijen 2012. ISBN: 978-94-6108-288-6.

ORGANIZZAZIONE, DIREZIONE E COORDINAMENTO DI CENTRI O GRUPPI DI RICERCA NAZIONALI E INTERNAZIONALI O PARTECIPAZIONE AGLI STESSI

(per ciascuna voce inserire anno, ruolo, gruppo di ricerca, ecc.)

1. dal 1998 Co-investigatore IRAD (International Registry of Acute Aortic Dissection), University of Michigan, Ann Arbor (MI-USA).
2. dal 1999 al 2010 Studi biochimici e sierologici nelle dissecazioni aortiche acute in collaborazione con il Dr. T. Suzuki (Università di Tokyo, Giappone).
3. 2005 Studi di ricerca clinica sulle malattie dell'aorta toracica in collaborazione con il Prof. T. Sundt, Mayo Clinic, Rochester (MN-USA).
4. 2006 Research scientist presso: University of Michigan, Ann Arbor (MI-USA).
5. 2008 Research scientist presso: Yale University, Thoracic Aortic Center, New Haven (CT-USA).
6. dal 2010 al 2020 Studi di ricerca clinica sulle malattie dell'aorta toracica ed addominale in collaborazione con il Prof. G. Upchurch (University of Florida, Gainesville, FL, USA), il Prof. F.L. Moll (University of Utrecht, Olanda).
7. dal 2010 Co-director IRAD Surgical / Endovascular program, University of Michigan, Ann Arbor (MI-USA).
8. dal 2011 a settembre 2018 Responsabile del Centro di Ricerca sulle Malattie dell'Aorta Toracica - Policlinico San Donato IRCCS.
9. dal 2011 a settembre 2018 Co-direttore del laboratorio di ricerca computazionale e fluidodinamica in-vitro ed ex-vivo sulle malattie dell'aorta toracica, Beta Lab - Biomechanics for Endovascular Treatment of the Aorta. In collaborazione con il Prof. F. Auricchio (Dipartimento di Architettura ed Ingegneria dell'Università di Pavia).
10. dal 2011 a settembre 2018 Responsabile Linea di Ricerca 3 - Chirurgia Vascolare, IRCCS Policlinico San Donato.
11. dal 2011 Co-investigatore European Registry of Endovascular Aortic Repair Complications (EuREC), (PI: M. Czerny, University of Zurich, Switzerland).
12. dal 2013 Co-investigatore International Aortic Arch Surgery Study Group (IAASSG) (P.I.: Prof. T. Yan, Royal Prince Alfred Hospital, University of Sydney, Sydney, Australia).
13. Co-investigatore nello studio ADSORB (study evaluation of GORE TAG Thoracic Endoprosthesis versus Best Medical Therapy in Uncomplicated Type B Acute Dissection).
14. Co-investigatore nello studio ASSIST (study evaluation of Type B dissection patients complicated with visceral malperfusion, managed with Jotec uncovered aortic stent).
15. Principal Investigator del GREAT registry (study evaluation of patients treated with GORE endograft for EVAR and TEVAR).
16. Co-Investigatore dello Studio Clinico Internazionale Medtronic VALIANT-EVO.
17. Principal Investigator dello Studio Internazionale CONFORTA (Studio clinico per valutare la sicurezza, l'efficacia e l'analisi dei costi dell'innesto di endoprotesi toracica Conformable GORE® TAG® con sistema Active Control per pazienti con patologie aortiche toraciche discendenti), in collaborazione con Università Bocconi di Milano e KPMG.

ATTIVITÀ QUALI LA DIREZIONE O LA PARTECIPAZIONE A COMITATI EDITORIALI DI RIVISTE SCIENTIFICHE

(per ciascuna voce inserire anno, ruolo, rivista scientifica, ecc.)

1. Dal 01-03-2016 Membro dell'Editorial Board - Italian Journal of Vascular and Endovascular Surgery - Editor in-Chief A. Stella, Università di Bologna - Print ISSN 1824-4777, online ISSN 1827-1847.
2. Associate Editor - Annals of Cardiothoracic Surgery - Editor in-Chief T. Yan, University of Sidney (Australia)- Print ISSN 2225-319X; Online ISSN 2304-1021.
3. Membro dell'Editorial Board - Aorta - Editor in-Chief JA Elefteriades, Yale University (New Haven, CT, USA) - ISSN : 2325-4637.
4. Dal 2019 Membro dell'Editorial Board - European Journal of Vascular and Endovascular Surgery F. Editor in-Chief F. Dick, Bern, Switzerland - ISSN 1078-5884.
5. Dal 2020 membro del Writing Committee delle Linee-Guida della Società Europea di Chirurgia Vascolare ed Endovascolare (European Society of Vascular and Endovascular Surgery).
6. Dal 2021 membro del Gruppo di Stesura delle Linee-Guida sugli Aneurismi dell'Aorta Addominale della Società Europea di Chirurgia Vascolare ed Endovascolare (European Society of Vascular and Endovascular Surgery).

TITOLARITÀ DI BREVETTI

(per ciascun brevetto, inserire autori, titolo, tipologia, numero brevetto, ecc.)

nessuno

PREMI E RICONOSCIMENTI NAZIONALI E INTERNAZIONALI PER ATTIVITÀ DI RICERCA

(inserire premio, data, ente organizzatore, ecc.)

1. Society for Clinical Vascular Surgery - Peter B. Samuels Award 2013 - Intramural hematoma of the descending aorta: differences and similarities with acute B dissection - Presented during 41st Annual Symposium on Vascular Surgery.
2. Edouard Kieffer Prize 2014 - Impact of TEVAR on aortic elasticity - Presented at 6th International Congress Aortic Surgery and Anesthesia "How to Do It".
3. Charing Cross Abstract Certificate of Merit 2016 - Presented at 2016 CX Congress.
4. VEITH symposium Global Associate Faculty Podium Presentations Bronze Winner 2017 - Presented at 2017 VEITH Symposium.
5. 2017 Vincitore RF-2016-02363679 - Mapping of aortic arch hemodynamics by biomechanical analysis and modeling for planning Thoracic Endovascular Aortic Repair (TEVAR).

PARTECIPAZIONE IN QUALITÀ DI RELATORE A CONGRESSI E CONVEGNI DI INTERESSE INTERNAZIONALE

(inserire titolo congresso/convegno, data, ecc.)

1. Lesioni dell'arteria renale: nostri orientamenti in tema di diagnostica e terapia chirurgica. XVIII congresso nazionale della SIRC, Grado 1994. Relatore.
2. Trattamento della dissecazione dell'aorta di tipo B: esperienza su 104 casi osservati. 7° congresso nazionale della soc pol it gio chir, Taormina 1994. Relatore.
3. Chirurgia degli aneurismi dell'aorta addominale associati a disembrigenie renali. 8° congresso nazionale della Soc Pol It Gio Chir, Rimini 1995. Relatore.
4. Ruptured thoracic and thoracoabdominal aortic aneurysms: risk for neurologic outcome and mortality. Aortic Surgery Symposium VIII, N.Y. 2002. Presentazione poster.
5. Preoperative predictive risk model for mortality in patients with acute type A aortic dissection undergoing surgery: lessons from the International Registry of Acute Aortic Dissection (IRAD). American College of Cardiology, Annual Meeting 2003. Presentazione poster.
6. Ruptured thoracic and thoracoabdominal aortic aneurysms: risk for neurologic outcome and mortality. European Society Of Cardiovascular Surgery, Annual Meeting, Instambul 2003. Relatore.
7. "Bulbus aortae" remodelling in acute type A dissection. European Society Of Cardiovascular Surgery, Annual Meeting, Instambul 2003. Relatore.
8. Axillary and femoral artery cannulation: clinical outcomes in type A aortic dissection. European Society of Cardiovascular Surgery, Annual Meeting, Instambul 2003. Relatore.
9. Acute type B aortic dissection and thoracoabdominal dissecting aneurysms: surgical and long-term results of conservative aortic management. European Society of Cardiovascular Surgery, Annual Meeting, Instambul 2003. Presentazione orale.
10. Preoperative hemodynamic status as predictor of surgical mortality in acute type A aortic dissection: insights from the international registry of acute aortic diissection (IRAD). American College of Cardiology, Annual Meeting, 2004. Presentazione poster.
11. Role and results of surgery in acute type B aortic dissection: insights the IRAD. XXII Congresso Nazionale Della Società Italiana di Chirurgia Cardiaca, 2004. Relatore.
12. Contemporary results of surgery in acute type A aortic dissection: the International Registry of Acute Aortic Dissection experience. American Association of Thoracic Surgery, Annual Meeting, 2004. Relatore.
13. Role and results of surgery in acute type B aortic dissection - insights from the International Registry of Acute Aortic Dissection (IRAD). American Heart Association, Annual Meeting 2005, november 13-16. Presentazione poster.
14. Simple risk models to predict surgical mortality in acute type A aortic dissection: the International Registry of Acute Aortic Dissection score. Aortic Surgery Symposium, New York USA 2006 april 27-28. Presentazione poster.
15. Diagnosi e terapia delle trombosi venose superficiali. Le malattie tromboemboliche dai trIAS clinici all'evidenza, Lodi 2006. Moderatore.
16. Epidemiologia e clinica della dissecazione aortica acuta: IRAD. Focus sulle patologie dell'aorta, S. Daniele del Friuli, 2006. Relatore
17. In search for optimal treatment of complicated acute type B aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). American Heart Association, Annual Meeting 2006. Relatore.
18. Importance of pain and hypertension in acute type B aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). American College of Cardiology, Annual Meeting 2007, march 24-27. Presentazione poster.
19. Retroperitoneal hematoma after PCI: prevalence, risk factors, predictors, management and outcome. Results from the blue cross blue shield of michigan cardiovascular consortium (BMC2) registry. American College of Cardiology, Annual Meeting 2007 march 24-27. Presentazione poster.
20. Acute abdominal aortic dissection: insights from the International Registry of Acute Aortic Dissection (IRAD). 35th Annual Symposium of Society for Clinical Vascular Surgery, march 21-24, 2007. Orlando, FL. Relatore.
21. Differenti trattamenti delle dissecazioni acute tipo B: evidenze dal registro internazionale delle dissecazioni aortiche (IRAD). 6° congresso nazionale della Società Italiana di Chirurgia Vascolare ed Endovascolare (SICVE), catania 30 settembre-3 ottobre 2007. Relatore.
22. Dissecazione acuta dell'aorta addominale: risultati dal registro internazionale delle dissecazioni aortiche (IRAD). 6° congresso nazionale della Società Italiana di Chirurgia Vascolare Ed Endovascolare (SICVE), catania 30 settembre-3 ottobre 2007. Relatore.
23. International Registry of Acute Aortic Dissection (IRAD): simple risk score to predict surgical mortality in acute type A aortic dissection. 8th International Vascular and Endovascular Course (IVEC): emerging technologies, new achievements and future perspectives in endovascular interventions" joint with the 1st International Society for Vascular Surgery (ISVS). October 14-16, 2007. Milano. Relatore.
24. Descending aortic aneurysm rupture contained into esophageal wall. Summit of acute aortic disease. Lux et veritas. November 1-2, 2007. Yale University, New Haven, (CT-USA). Relatore.
25. Role of age in acute type A aortic dissection. Outcome. Summit of acute aortic disease. Lux et veritas. November 1-2, 2007. Yale University, New Haven, CT (USA). Relatore.

26. Epidemiologia e clinica delle sindromi aortiche acute. Risultati dallo studio IRAD. Congresso della Società Italiana di Cardiologia (SCI), Roma 15-18 dicembre 2007. Presentazione orale.
27. Perspectives from the International Registry of Aortic Dissection (IRAD). Yale Thoracic Aortic Center, Yale University, New Haven, CT (USA), december 18, 2008. Lezione magistrale.
28. Imaging radiologico periprocedurale: cosa serve all'operatore. I° corso di aggiornamento per il personale infermieristico nelle procedure endovascolari. Milano 30 gennaio 2009. Relatore. Relatore.
29. Acute type B aortic dissection and thoracoabdominal dissecting aneurysm: long-term results of surgical aortic conservative treatment. A case series. 37th Annual Symposium of Society for Clinical Vascular Surgery. March 18-21, 2009, Ft. Lauderdale, FL (USA). Presentazione poster.
30. Descending aortic diameter of ≥ 6.0 is a poor predictor of type B aortic dissection. American College of Cardiology, Annual Meeting 2009, 29-31 march. Orlando, fl. Presentazione poster.
31. Perspectives from the International Registry of Aortic Dissection (IRAD). GORE ADSORB meeting, Amsterdam, november 13th, 2009. Lezione magistrale.
32. Dissezione aortica: diagnosi, planning e timing chirurgico. Ecocardiografia chirurgica, San Donato Milanese, 28-30 gennaio 2010. Relatore.
33. Intramural hematoma and penetrating aortic ulcer. Basic course on endovascular treatment of thoracic aortic diseases, SICCH. Napoli, 26-27 febbraio 2010. Lezione magistrale.
34. Intramural hematoma and penetrating aortic ulcer. Basic course on endovascular treatment of thoracic aortic diseases, SICCH. Napoli, 26-27 febbraio 2010. Tutore di attività pratiche.
35. Acute aortic syndromes. GORE advanced workshop on thoracic aortic diseases. Roma, 11-12 marzo 2010. Lezione magistrale.
36. Perspectives and new data from the International Registry of Aortic Dissection (IRAD). Aortic summit 2010. Vienna, 7-8 maggio 2010. Lezione magistrale.
37. Il registro IRAD. Seminari Lombardi di Chirurgia Vascolare. Brescia, 12 maggio 2010. Lezione magistrale.
38. Perspectives and new data from the International Registry of Aortic Dissection (IRAD). 53rd Annual Meeting of Kansai Association for Thoracic Surgery. Nagoya (Giappone), 24 giugno 2010. Lezione magistrale.
39. Acute syndRomas of the descending thoracic aorta: role of endovascular management. 53rd Annual Meeting of Kansai Association for Thoracic Surgery. Nagoya (Giappone), 25 giugno 2010. Relatore.
40. Acute type B aortic dissections: what IRAD has taught us regarding the best treatments. Thoracic aortic catastrophes, towards the endovascular solution? Yale University School of Medicine, August 21, 2010. Lezione magistrale.
41. Genetics and biomarkers. Thoracic Aortic Masterclass 2010. London, 3 settembre 2010. Relatore.
42. The 3 major learnings from the IRAD registry and their practical application to my dissection patients. ESVS. Amsterdam, 17 september 2010. Relatore.
43. Conformable GORE TAG e la sindrome aortica acuta. IX° SICVE. Siena, 27 settembre 2010. Relatore.
44. Insights from IRAD. XI advances in understanding aortic diseases. Barcelona, 30 september-2 october 2010. Relatore.
45. Long term outcomes of surgical fenestration for complicated type B aortic dissections. 11° IVEC. Milano, 21-23 october 2010. Relatore.
46. Diagnosi della dissecazione aortica acuta mediante d-dimero. Esperienza del gruppo IRAD-BIO. La ricerca vascolare. Bologna, 26 ottobre 2010. Relatore.
47. Incidence, diagnosis and risk stratification in acute aortic dissection: evidences from the IRAD. XXV° SICCH. Roma, 6-9 novembre 2010. Relatore.
48. Aortic / miscellanea. XXV° SICCH. Roma, 6-9 novembre 2010. Moderatore.
49. Characterizing patients with acute type B aortic dissection in the absence of aortic dilatation. AHA 2010. Chicago, 13-17 november 2010. Relatore e presentazione abstract
50. The 3 major learnings from the IRAD registry and their practical application to my dissection patients. MCCRPP meeting - UMICH. Ann Arbor 19 november 2010. Lezione magistrale.
51. Incidence, diagnosis and risk stratification in acute aortic dissection: evidences from the IRAD. Modena, 3 dicembre 2010. Lezione magistrale.
52. Risk stratification in acute type B aortic dissections. Thoracic aortic catastrophes, towards the endovascular solution? University of Utrecht, The Nederland, december 15, 2010. Lezione magistrale.
53. Symposium on aortic endografting from the new technologies to clinical evidence. LINC 2011, Leipzig, DE, 17-21. Co-chairmen.
54. Acute aortic syndrome: role of TEVAR. Endovascular advances in acute aortic syndrome, GORE training course. Milano, 2011. February 3-4. Chairman e relatore.
55. C-TAG use in acute aortic dissection. Vascular club: video workshop di tecniche endovascolari. Torino, 21-23 febbraio 2011. Relatore.
56. Unexpected complications and solutions during complex endovascular thoracic procedures. Eti 2011. Siena, march 17-19, 2011. Relatore.
57. Acute aortic dissection: evidences from IRAD. University of Virginia, Charlottesville (USA), march 30, 2011. Invited grand round.
58. When does retrograde type A dissection happens, how can it be avoided? Charing Cross 2011, London, april 9-12. GORE symposium, Relatore.
59. Retrograde ascending aortic dissection during or after thoracic aortic endograft implantation. Charing Cross 2011, London, april 9-12. Relatore.
60. Dissezioni tipo A. Patologia della valvola aortica e dell'aorta ascendente. San Donato Milanese, 14 aprile 2011. Relatore.
61. All we need to know about the natural history of asymptomatic acute type B dissection: therapeutic implications. 9° International Symposium on Endovascular Therapeutics. Barcelona, 4-7 may, 2011. Relatore.
62. Treatment of intramural hematoma and PAU - open or TEVAR? The clinical evidence/the experience. Why do I choose a specific approach. Medtronic Academia. Dusseldorf, 26-27 may, 2011. Relatore.
63. Yale surgical society spring reunion. Bicentennial Lecture, dr. J. Elefteriades. New Haven, 1 june, 2011. Relatore.
64. IRAD trial. Endoprotesi toraciche: esperienze acquisite e prospettive future. Genova, 16-18 giugno, 2011. Relatore.
65. IRAD. Perspective on acute aortic dissections. International Aortic Summit. Venezia, 23-25 june, 2011. Relatore.
66. Il team aortico nell'organizzazione dei processi aziendali. 45° convegno Cardiologia 2011. Milano, 12-15 settembre, 2011. Relatore.

67. La dissezione retrograda è legata ai materiali? Analisi critica della letteratura. X congresso nazionale della società di chirurgia vascolare ed endovascolare (SICVE). Roma 18-20 settembre 2011. Relatore.
68. Long-term outcomes of acute type B aortic dissection. 25° Annual Meeting of European Association for Cardio-Thoracic Surgery (EACTS). Lisbon, 1-5 october 2011. Invited discussant.
69. Endovascular treatment of ruptured dissection and aneurysms: what did we learn. MEET 2011 (Multidisciplinary European Endovascular Therapy). Roma, 1-3 december 2011. Relatore.
70. Sindromi aortiche acute. Ferrara 2 marzo 2012. Lezione magistrale.
71. Risk stratification in acute type A dissection. 18th annual conference of the Egyptian Society of Cardiothoracic Surgery. 7-9 march, 2012. Relatore.
72. Stent grafts for ascending or arch dissection? Charing Cross Aorta, sponsored by IRAD. London 12,13 april 2012. Co-chairman e Relatore.
73. How to avoid retrograde type A dissection. Charing Cross 2012, London, april 14-17. Relatore.
74. Endovascular repair of the ascending aorta. Bolton symposium, Charing Cross 2012, London, april 14-17. Relatore.
75. Importance of false lumen thrombosis in type B aortic dissection prognosis. Aortic Surgery Symposium 2012, New York USA 26, 27 april 2012. Relatore.
76. How to avoid retrograde type A dissection. GORE workshop, Taormina 28,29 maggio 2012. Relatore.
77. Aortic dissection session. GORE workshop, Taormina 28,29 maggio 2012. Moderatore.
78. Open surgery vs TEVAR in aortic aneurysm. GORE workshop, Taormina 28,29 maggio 2012. Relatore.
79. Dissezione aortica retrograda. Update in endovascular diseases. Firenze 4,5 giugno 2012. Relatore.
80. Dissezioni aortiche acute tipo B: nuove evidenze. Università di padova, 7 giugno 2012. Lezione magistrale.
81. Oversizing dell'endoprotesi GORE TAG thoracic endoprosthesis: vantaggi clinici ed economici. Simposio del collegio italiano dei primari ospedalieri di chirurgia vascolare, Roma 13-14 settembre 2012. Lezione magistrale.
82. Uncomplicated acute type B dissection. ESVS 2012 symposium: descending thoracic aorta, Bologna 19-21 settembre 2012. Lezione magistrale.
83. ESVS 2012. Revision course, Bologna 21 settembre 2012. Tutor
84. Treatment of type B thoracic dissection: latest data and their application in my daily work. Symposium International of Endovascular Surgery. Madrid 2012, 29-30 november. Lezione magistrale.
85. Gli aneurismi dell'aorta toracica e toraco-addominale. I Seminari di Cardiologia Pratica dell'ARCA. Napoli, 30 novembre - 1 dicembre 2012. Lezione magistrale.
86. Do branched and fenestrated devices have a role in chronic TBD? 5th international congress: Aortic Surgery And Anesthesia "How To Do It". Milan, december 13th - 15th, 2012. Lezione magistrale.
87. To treat or not to treat: open questions in endovascular grafting, discussion forum. LINC 2013, January 23-26, 2013, Leipzig, Germany. Invited discussant.
88. Dissezioni aortiche acute: è giustificato estendere le indicazioni? Dissezioni di tipo B - hot topics - parte ii. 7-8 febbraio, 2013, Roma. Lezione magistrale.
89. Medtronic event "experts exchange" during Charing Cross 2013, april 6th 2013, London. Chair
90. The natural history of uncomplicated type B dissection, PAU and IMH: the IRAD knowledge. 10th International Symposium on Endovascular Therapeutics. 8-11 may, 2013, Barcelona. Lezione magistrale e moderatore.
91. New IRAD datas. Meet 2013. June 9-11, 2013, Roma. Lezione magistrale.
92. Importance of retrograde arch involvement in acute type B aortic dissection. ESVS Annual Meeting, september 18-20, 2013, Budapest. Relatore.
93. Dati clinici per migliori terapie: importanza di studi, registri e trials. GORE meeting, october 4, 2013, Campertogno. Lezione magistrale.
94. Ruolo dell'analisi computazionale nel trattamento endovascolare dell'aorta toracica. SICVE Annual Meeting, october 6-8, 2013 Bari. Relatore.
95. Type B aortic dissection: new insights and contemporary role of TEVAR. 54th Japanese College of Angiology, october 10-11, 2013, Tokyo. Lezione magistrale.
96. Benefits of repositionability in EVAR. 54 Japanese College of Angiology, october 10-11, 2013, Tokyo. Lezione magistrale.
97. GORE® Excluder® AAA endoprosthesis featuring C3 delivery system: advantages of a precise infrarenal placement. GORE ECD, october 11, 2013, Tokyo. Lezione magistrale.
98. The conformable GORE TAG endoprosthesis, science behind and personal experience. GORE ECD, october 11, 2013, Tokyo. Lezione magistrale.
99. Fattori predittivi della dilatazione aortica dopo dissezione tipo B. Insubria DIVA, october 17-18, 2013, Como. Lezione magistrale.
100. Il trattamento della dissezione aortica tipo B. SIAPAV Emilia Romagna - Marche, october 18-19, 2013, Ferrara. Lezione magistrale.
101. Dissezioni aortiche tipo B: risultati a breve e lungo termine. GORE advanced thoracic symposium, october 22, 2013, Milano. Lezione magistrale.
102. Medtronic Academia medical education: TEVAR - meet the experts. November 7-8, 2013, Munich. Faculty.
103. Surgery of the thoracic aorta. November 11-12, 2013, Bologna. Faculty.
104. Webinar medtronic on type B dissection. VEITH meeting, november 21, 2013, New York USA. Acute type B aortic dissection. Faculty.
105. The influence of oversizing on short and long-term outcome. Technologies in endovascular aortic repair. December 5-6, 2013, Bologna. Lezione magistrale.
106. Endovascular stent-graft for coarctation. Technologies in endovascular aortic repair. December 5-6, 2013, Bologna. Lezione magistrale.
107. GORE workshop, advanced thoracic aortic disease. December 12-13, 2013, Genova. Treatment of acute type B aortic dissection. Relatore
108. Acute dissection: OMT vs OMT + TEVAR. LINC 2014, January 28-31, Leipzig. Relatore.
109. Sindrome aortica acuta: challenge diagnostico e clinico. Policlinico San Donato, 5 march 2014. Lezione magistrale.
110. GREAT 10-11 italian data subgroup. GREAT Italian Event. Verona, 20-21 march 2014. Lezione magistrale.
111. Clinical overview of thoracic aortic dissections. Utrecht (NL), april 2, 2014. Relatore.
112. Lessons from the IRAD registry and beyond - who and how to treat patients. Charing Cross 2014, London, april 5-8. Relatore.

113. The role of the arch in acute aortic dissection. NYU, Langone Medical Center, New York USA, april 23, 2014. Lezione magistrale.
114. Dissezione aortica A e B: planning e timing chirurgico. IX simposio nazionale di ecocardiografia chirurgica. San Donato Milanese, 15-16 maggio, 2014. Relatore.
115. Rottura traumatica dell'aorta. Innovations in emergency surgery and trauma. San Donato Milanese, 30 maggio, 2014. Faculty.
116. Trattamento delle dissezioni acute: BMT. Dall'arco aortico all'estrema periferia, possibili soluzioni terapeutiche. Firenze, 3-4 giugno, 2014. Relatore.
117. GREAT registry: dati preliminari evar. GORE advanced AAA symposium. Perugia, 23-24 giugno, 2014. Invited faculty.
118. Predictors of aortic growth after type B dissection. Vascular International Padova Congress (VIP). Padua, june 26-28, 2014. Relatore.
119. Management of acute and chronic aortic dissection. 2014 International Society for Vascular Surgery, Guangzhou-China, july 11-13, 2014. Moderatore e relatore.
120. Biomarkers in acute and chronic aortic diseases: new therapeutic targets? ESC congress 2014. Relatore.
121. Update on aortic dissection. Massachussets general hospital - Grand Round- Harvard University, Boston (USA), september 10, 2014. Lezione magistrale.
122. Common iliac artery occlusion in aortic dissection: incidence and treatment. Technologies in peripheral arterial occlusive diseases. Bologna, 2-3 october 2014. Relatore.
123. Aspetti oscuri della patologia dell'aorta toracica: PAU e IMH. Insubria DIVA II, Como, 6-7 ottobre 2014. Moderatore e relatore.
124. Tip and trick for TEVAR in type B aortic dissection. TEVAR - meet the experts. Paris, 10-11 november 2014. Relatore
125. TEVAR. Simulations days. La simulazione in radiologia vascolare ed interventistica Milano, 27-28 novembre 2014. Relatore.
126. Aortic remodeling after TEVAR for type B aortic dissection. VI Aortic Surgery and Anesthesia Meeting. Milano, december 11-13, 2014. Relatore.
127. IRAD latest results and future trends. CACVS 2015 - Controversies and Updates in Vascular Surgery. Paris, January 22-24, 2015. Relatore.
128. Open questions in the treatment of acute uncomplicated type B dissection. Discussion forum. LINC 2015, Leipzig, January 27-30, 2015. Relatore.
129. The GORE GREAT registry: update about a real life data collection. LINC 2015, Leipzig, January 27-30, 2015. Relatore.
130. When is the best time to treat a type B aortic dissection? Trends from the IRAD registry. International Aortic Summit (IAS) 2015. Aruba (Dutch Caribbean) february 11-13, 2015. Relatore.
131. High risk uncomplicated type B aortic dissection. The Houston Aortic Symposium. Houston, march 5-7, 2015. Relatore.
132. Re-intervention following acute type A aortic dissection repair: the IRAD perspective. SCTS - ACTA 2015, march 25-27. Manchester, UK. Relatore.
133. Biomarkers in thoracic aortic aneurysm disease: the holy grail. SCTS - ACTA 2015, march 25-27. Manchester, UK. Relatore.
134. Outcome in acute aortic dissection. Intercept 2015, Milano 9-11 april. Lezione magistrale.
135. Retrograde dissection, who is to blame and how we can avoid it? Medtronic course, Madrid, 16 april 2015. Relatore.
136. How IRAD and latest clinical data are changing my clinical practice with TBAD. Medtronic course, Madrid, 16 april 2015. Relatore.
137. Management of visceral malperfusion after acute type B aortic dissection: Roma CAPVT Mundi, Roma 26-27 may 2015. Relatore.
138. Dissezioni dell'aorta discendente: quando e come trattarle. Verona 20 years later. The Parodi trial "aortic aneurysms: open or endo?" Verona, 30 may 2015. Relatore.
139. Update on type B dissection. Medtronic EAGLE program, Milan 5 june 2015. Relatore.
140. Ostruzioni aorto-iliache. La ricanalizzazione endovascolare delle ostruzioni lunghe (TASC C e D). Brescia, 12 giugno 2015. Relatore.
141. Aneurismi dell'aorta addominale. International congress for 50th anniversary of vascular surgery Garbagnate Milanese. Rho, june 18-20, 2015. Moderatore.
142. Medical management is still the treatment of choice for uncomplicated B dissection? International congress for 50th anniversary of vascular surgery. Garbagnate Milanese. Rho, june 18-20, 2015. Relatore.
143. Chirurgia e stenting della carotide nella prevenzione dell'ictus: il ruolo Dell'asymptomatic Carotid Surgery Trial ACST2. Milano, 26 june 2015. Moderatore.
144. The natural history of uncomplicated type B dissection, PAU and IMH: the IRAD knowledge. SITE 2015, Barcelona, 27 june 2015. Relatore.
145. Arch aortic dissection: management and new insights. A focus on ascending and arch complex cases. Varese, 29 giugno 2015. Relatore.
146. Update on acute aortic dissection. Summer School of Vascular Surgery, Bologna 30 giugno 2015. Relatore.
147. Review of clinical trial: do we need a randomized trial? SIVEC 2015, Siena 7-9 settembre 2015. Relatore.
148. Aortic intramural hematoma and retrograde type A dissection: what we have learned from the IRAD registry? Muster 19 settembre 2015. Relatore.
149. Outcomes of endovascular treatment of complicated type B dissection (IRAD). CIRSE 2015, Lisbona 27 settembre 2015. Relatore.
150. Acute type B dissection. CIRSE 2015, Lisbona 28 settembre 2015. Relatore.
151. Ricerca di base. SICVE 2015 Aorta Expo, Milano 4 ottobre 2015. Relatore.
152. Vi spiego tutto quello che ho imparato dal registro IRAD in 5 minuti. SICVE 2015 Aorta Expo, Milano 6 ottobre 2015. Relatore.
153. TEVAR nella patologia dell'aorta ascendente. Insubria DIVA III, Como, 18 ottobre 2015. Relatore.
154. Retrograde arch involvement in B dissection: incidence, management and results. What does IRAD tell us? Medtronic Academia TEVAR meet and exchange, Barcelona 30 ottobre 2015. Relatore.
155. Landing zones in TEVAR - how to approach the aortic arch and visceral vessels. Medtronic Academia TEVAR meet and exchange, Barcelona 30 ottobre 2015. Relatore.
156. How does device sizing and length impact the outcome in trauma patients? GORE thoracic advanced symposium, Milano 12 novembre 2015. Relatore.
157. Le sindromi acute dell'aorta toracica. La gestione chirurgica. TRESJ XII forum 2015, "ten minute answers" in cardiologia, 12 novembre 2015. Relatore.

158. With uncomplicated acute TBAD patients, what factors point to deterioration on medical treatment and the need for TEVAR: when should TEVAR be performed: based on new data from the IRAD registry. 42nd VEITH symposium, New York USA, 17 november 2015. Relatore.
159. How should most patients with uncomplicated acute TBAD be treated: controversy exists and will continue: the pros and cons of early TEVAR. 42nd VEITH symposium, New York USA, 17 november 2015. Moderatore.
160. Management and outcomes of acute type B aortic dissection complicated by visceral ischaemia, 5th Munich vascular conference, Munich, 27 november 2015. Relatore.
161. The role of computational fluid dynamics (CFD) to understand aortic hemodynamics after TEVAR. 5th Munich vascular conference, Munich, 27 november 2015. Relatore.
162. Acute dissection with entry tear in the arch: different aortic involvement and management. TEAR 2015, Bologna, 4 december 2015. Relatore.
163. Best medical therapy for uncomplicated type B dissections - is it enough? LINC 2016, Leipzig, 28 January 2016. Relatore.
164. Performance of the conformable GORE® TAG® device in type B aortic dissection from the GORE® GREAT real world registry LINC 2016, Leipzig, 28 January 2016. Relatore.
165. Imaging moderno e nuove indicazioni terapeutiche. Matera, la cultura che unisce, 19 marzo 2016. Relatore.
166. Trattamento delle dissezioni tipo B complicate. Matera, la cultura che unisce, 19 marzo 2016. Relatore.
167. Activity at Beta-Lab. Medtronic meeting. Santa Rosa, april 5, 2016
168. What is the role of endovascular treatment of uncomplicated type B dissection. 65th ESCVS congress, belgrade 22 april 2016. Moderatore e relatore.
169. Aortic remodeling after standard TEVAR in chronic type B dissection. Charing Cross 2016, London, 28 april 2016. Relatore.
170. Dissezione aortica tipo B complicata: quando e come trattarla? Congresso "Jean Natali E Edouard Kieffer: la scuola di chirurgia vascolare della Salpetriere e l'Italia", Genova, 6 may 2016. Moderatore and relatore.
171. High risk non-complicated type B dissection: existing predictors and new preliminary adsorb data. AATS aortic symposium, New York USA, 13 may 2016. Moderatore e relatore.
172. Changes in operative strategy for patients enrolled in the IRAD-interventional cohort program. AATS aortic symposium, New York USA, 13 may 2016. Moderatore e relatore.
173. What i have learned from IRAD. Roma CAPVT Mundi, Roma 24-25 may 2016. Moderatore e relatore.
174. GORE medical mastery series. Arteriopatie periferiche. Firenze, 6-7 june 2016. Moderatore.
175. Subacute aortic dissection: the role of conservative therapy. Padova, VIP-Europe Meets Asia 16-18 june 2016. Moderatore e relatore.
176. Correzione di endoleak tipo II: quando e come. Focus on: casi complessi e casi complicati nell'EVAR. Lodi, 23-24 june 2016. Relatore.
177. Endovascular treatment of aortic dissection. Summer School of Vascular Surgery. Bologna, june 27-july 1, 2016.
178. RelatoreUpdate on aortic dissection and intramural hematoma. Università' degli Studi di Genova. July 14, 2016. Relatore.
179. Lectio magistralis: Aortic dissection. Università di Messina. July 22, 2016. Lezione magistrale.
180. Predictors of late aortic growth. ROMAORTA, Roma. August 25-26, 2016. Relatore.
181. Recent IRAD evidences on aortic arch dissection. Symposium: biomechanical and clinical studies in endovascular aortic repair, Utrecht. August 31, 2016. Relatore.
182. Strategies for inducing false lumen thrombosis. SIVEC 2016: vascular and endovascular course, Siena. September 5-7, 2016. Relatore.
183. Advances in aortic diseases: new imaging and clinical implications. ESB-ITA thematic symposium: frontier biomechanical challenges in cardiovascular physiopathology. Palermo. September 8-9, 2016. Relatore.
184. Advanced preoperative planning in thoracic aortic diseases. 3d printing and simulation, Gruppo San Donato experience, San Donato Milanese. September 9, 2016. Relatore.
185. When to use a hybrid approach for arch management. CIRSE-ideas 2016. Barcelona, september 9, 2016. Invited faculty member and speaker.
186. L'universo delle dissezioni di tipo B acute e croniche: quando stentare. XI Convegno Nazionale Del Collegio Italiano dei Primari Ospedalieri di Chirurgia Vascolare. "chirurgia vascolare: etica e deontologia". Firenze. September 21-22, 2016. Relatore.
187. Setting ideale e setting reale: ADSORB vs registro GREAT. Insubria DIVA IV (Dissecazione Accesso Vascolare Aorta e Arterie Periferiche). Varese. September 23, 2016. Relatore.
188. Type B aortic dissection: new perspectives. Annual thoracic aortic aneurysm scientific day. London, september 27, 2016. Relatore.
189. Retrograde arch involvement in type B dissection: incidence, management and results. What does IRAD tell us? Medtronic symposium: TEVAR meet and exchange. Berlino, october 13-14, 2016. Invited faculty member and speaker.
190. Landing zones in TEVAR: hybrid approach. Medtronic symposium: TEVAR meet and exchange. Berlino, october 13-14, 2016. Relatore.
191. Medtronic symposium: eagle expert exchange program. Milano, october 20, 2016. Invited chairmen.
192. Dissezioni di tipo B croniche: valore della sorveglianza". XV congresso nazionale SICVE 2016. Roma, 23-25 october 2016. Relatore.
193. What are the in-hospital complications that occur in medically treated uncomplicated TBAD patients (from IRAD): can they be predicted and do we need more RCTS examining value and timing of TEVAR. 43nd VEITH symposium, New York USA, 15-19 november 2016. Relatore.
194. Best medical treatment for uncomplicated TBAD: factors predicting need for TEVAR and significance of aortic arch tears. 43nd VEITH symposium, New York USA, 15-19 november 2016. Relatore.
195. Natural history of intramural hematomas in the thoracic aorta: when should they be treated conservatively and when by TEVAR 43nd VEITH symposium, New York USA, 15-19 november 2016. Relatore.
196. Multicenter results and advanTAGes of the GORE conformable TAG device for treating TBADs (from the GREAT registry) 43nd VEITH symposium, New York USA, 15-19 november 2016. Relatore.
197. Treatment of acute renal arteries involvement in type B aortic dissection. Technologies in peripheral occlusive disease and visceral arterial disease. PAOD-2016. Bologna, 2-3-dicember 2016. Relatore
198. Existing predictors of aortic complications. Uitnodiging aorta symposium. Utrecht (NL), 9 december 2016. Relatore

199. Ricerca traslazionale del Beta-Lab. Risultati della collaborazione tra medici ed ingegneri. IRCCS Policlinico San Donato, San Donato Milanese, 13 dicembre 2016. Chairman e discussant.
200. Type B dissection complicated by visceral ischemia. Medtronic lunch session. 7th International Congress - Aortic And Peripheral Surgery "How To Do It" 2016. Milano, 15-17 dicembre 2016. Relatore.
201. How and when to treat type B aortic dissection: lesson learned from trials and registries. 7th International Congress - Aortic And Peripheral Surgery "How To Do It" 2016. Milano, 15-17 dicembre 2016. Relatore.
202. Clinical milestone: 5000 patients enrolled in the GORE real-world global registry - great. GORE industry focus. 7th International Congress - Aortic And Peripheral Surgery "How To Do It" 2016. Milano, 15-17 dicembre 2016. Relatore.
203. Does the uncomplicated type B aortic dissection exist? Predictors of aortic remodeling. Cleveland clinics heart and vascular institute gran rounds. Cleveland, Ohio (USA), January 11, 2017. Lezione magistrale.
204. Risultati clinici del trattamento endovascolare a breve e lungo termine. GORE medical mastery. Evening of clinical discussion. Advanced thoracic techniques-aortic dissection pathology. Verona, January 17, 2017. Moderatore e relatore.
205. L'universo delle dissezioni di tipo B acute e croniche: quando l'endovascolare? GORE medical mastery. Evening of clinical discussion. Advanced thoracic techniques-aortic dissection pathology. Verona, January 17, 2017. Moderatore e relatore.
206. Performance of the conformable GORE TAG device across multiple indications: follow up and outcomes on more than 800 patients. LINC 2017. Leipzig, 24-27 January 2017. Relatore.
207. Update on IRAD. The Houston Aortic Symposium. Frontiers in cardiovascular diseases. The tenth in the series" Houston, Texas- USA, february 23-25, 2017. Relatore.
208. TEVAR for type B dissection. Medtronic Japan Eagle program-intensive. Milan 8-9 march 2017. Relatore.
209. Treatment strategy for complex arch aneurysm and Medtronic's new generation valiant. Medtronic japan eagle program-intensive. Milan 8-9 march 2017. Relatore.
210. Update on aortic dissection. Grand round at Beth Israel Deaconess Medical Center-Harvard Medical School, Boston MA (USA), march 15, 2017. Lezione magistrale.
211. XXVIII Congresso Nazionale della Società Polispecialistica Italiana dei Giovani Chirurghi "Giovanimani". Varese, march 22-24 2017. Moderatore e relatore.
212. Update on predictor factors in uncomplicated type B dissection. An IRAD perspective. SITE 2017, 12th International Symposium on Endovascular Therapeutics. Barcelona, Spain, march 29-31, 2017. Relatore.
213. All acute type B dissections should be fixed by TEVAR? Against the motion. SITE 2017, 12th International Symposium on Endovascular Therapeutics. Barcelona, Spain, march 29-31, 2017. Relatore.
214. GORE GREAT registry: latest clinical evidence in a real world registry. SITE 2017 Satellite Symposium 5. Barcelona, Spain, march 29-31, 2017. Relatore.
215. Endoleak di tipo 2: sfide e soluzioni. Fondazione Poliambulanza. Brescia, april 7, 2017. Moderatore.
216. A great milestone. Overview on data and focus on follow-up. GREAT global investigator meeting. Milano, april 10-11, 2017. Moderatore e relatore.
217. Prevention of brain hypoperfusion and damage during open arch repair. 7th annual ISNVD scientific meeting. Taormina, may 4-6th, 2017. Relatore.
218. Early TEVAR for patients with high-risk predictors for late events? 21th international experts symposium. Critical issues in aortic endografting 2017. Nuremberg, (Germany), may 19-20th, 2017. Relatore.
219. BMT in uncomplicated type B dissection: how to understand when it's sufficient and when a surgical approach is mandatory. Roma CAPVT Mundi 2017. Roma, may 23-24th, 2017. Relatore.
220. PANDORA e LEAR trial. 10 anni di Endurant: la storia, il presente, il futuro. Firenze, june 5-6th, 2017. Relatore.
221. Lake Como School. Corso teorico-pratico di simulazione in chirurgia vascolare: accesso vascolare, patologia aneurismatica aortica e patologia periferica. Como, june 13th-14th, 2017. Relatore.
222. New frontiers in endovascular therapy and interventional radiology. San Raffaele Congress Centre. Milan, june 16th-17th, 2017. Relatore.
223. La ricerca tecnologica: laboratorio di simulazione computazionale e 3D. IRCCS Policlinico San Donato Research Day. San Donato Milanese, june 22th, 2017. Relatore.
224. Approccio multidisciplinare nel trattamento endovascolare dell'aorta toracica: la mia esperienza. Medtronic round table. Dissezioni di tipo B. Torino, june 29th, 2017. Chairman e relatore.
225. La mia esperienza con l'endoprotesi Valiant Captivia. Medtronic round table. Dissezioni di tipo B. Torino, june 29th, 2017. Chairman e relatore.
226. Come impostare una ricerca scientifica. Bari levante: learning endovascular and vascular surgery national training education. Arteriopatie periferiche. Bari, july 3th-7th, 2017. Relatore.
227. Predictors of aortic growth in uncomplicated type B aortic dissection from the acute dissection stent grafting or best medical treatment (ADSORB) database. SIVEC-Siena Vascular and Endovascular Course-2017. Siena, september 4th-6th, 2017. Relatore.
228. Presentation, diagnosis, and outcomes of acute aortic dissection: 17-year trends. From the International Registry of Acute Aortic Dissection. SIVEC-Siena Vascular and Endovascular Course-2017. Siena, september 4th-6th, 2017. Relatore.
229. Importance of aortic arch involvement in type B dissection. AD-day Aortic Dissection Awareness Day. Ospedale San Raffaele, Milano, september 19th, 2017. Relatore.
230. Predictors of aortic growth in medically treated type B dissection. AD-day Aortic Dissection Awareness Day. Ospedale San Raffaele, Milano, september 19th, 2017. Relatore.
231. La trombosi del falso lume e candy plug. Alpha day. Soluzioni endovascolari per il trattamento dell'aneurisma dell'aorta. San Donato Milanese, september 27th, 2017. Relatore.
232. La rivascolarizzazione chirurgica della macroangiopatia diabetica. Il crocevia delle complicanze macro- e micro-vascolari del diabete. Milano, september 29th, 2017. Relatore.
233. Insubria DIVA 2017-Dissecazione Accesso Vascolare Aorta e Arterie Periferiche. Varese. October 3rd-4th, 2017. Moderatore.
234. La terapia chirurgica diretta. Focus on gestire l'emergenza aortica. Lodi, october 5th-6th, 2017. Relatore.
235. How to manage TEVAR in the presence of an ARSA 31st EACTS Annual Meeting. Vienna, october 7th-11th, 2017. Invited faculty and speaker. Relatore.
236. Impact of mechanical coupling of endograft to thoracic aorta. 10th ESVB (European Symposium on Vascular Biomaterials). Strasbourg, France, october 12th-14th, 2017. Relatore.

237. Trattamento endovascolare delle dissecazioni aortiche tipo B. Alfa COOK Workshop. Bologna, october 16th-17th 2017. Relatore.
238. La sindrome aortica acuta oggi. XVI Congresso Nazionale della SICVE. Bologna, october 23th-25th, 2017. Relatore.
239. GREAT italian registry meeting at SICVE 2017. Bologna, october 24th, 2017. Relatore.
240. Trattamento endovascolare delle dissecazioni aortiche tipo B. Alfa COOK Workshop. Bologna, november 6th-7th 2017. Relatore.
241. Approach to chronic type B dissection. Medtronic TEVAR Expert Exchange. Milano, november 8th-9th, 2017. Relatore.
242. Treatment strategy for complex arch aneurysm. Medtronic TEVAR Expert Exchange. Milano, november 8th-9th, 2017. Relatore.
243. New concepts regarding TBADs and their treatment: importance of the false lumen origin of visceral and renal branches; reappraisal of proximal landing zone for TEVAR; and new unrecognized parameters indicating need for TEVAR. 44th VEITH symposium (Vascular Endovascular Issues Techniques Horizons). New York USA, november 14th-18th, 2017. Relatore.
244. New information from the IRAD registry: optimal timing of TEVAR for TBAD; predictors of remodeling complications and need for additional procedures after TEVAR: best treatment for visceral ischemia. 44th VEITH symposium (Vascular Endovascular Issues Techniques Horizons). New York USA, november 14th-18th, 2017. Relatore.
245. Performance advanTAGes of the conformable GORE TAG endograft. 44th VEITH symposium (Vascular Endovascular Issues Techniques Horizons). New York USA, november 14th-18th, 2017. Relatore.
246. Nuove conoscenze relative alle tortuosità dell'arco aortico. GORE TAG-Conformable Thoracic Stent Graft with Active Control System. Milano, november 27th, 2017. Relatore.
247. Principles of thoracic endovascular aortic repair (TEVAR). Medtronic imapct, outcome-based learning, essentials for TEVAR. San Donato Milanese, november 30th, 2017. Relatore.
248. Rationale, design and key findings from the International Registry of Acute Aortic Dissection (IRAD). 7th MAC Munich vascular conference 2017. Munich, Germany, december 7th-9th. Relatore.
249. TEVAR for TBAD. Endograft endovascular global Roman arterial featured therapies. Roma, december 14th-16th. Relatore.
250. New information from the IRAD registry: optimal timing of TEVAR for TBAD. Medtronic endovascular masters Japan meeting 2018. Tokyo, Nippon, January 13th-14th, 2018. Relatore.
251. Nuove conoscenze relative alle tortuosità dell'arco aortico. GORE® TAG® Conformable Thoracic Stent Graft with Active Control System. Padova, february 5th, 2018. Relatore.
252. Update on IRAD. The Houston Aortic Symposium. Houston, Texas (USA), february 15th-17th, 2018. Relatore.
253. Trattamento endovascolare della malperfusion degli arti inferiori nelle dissecazioni aortiche di tipo B. Arteriopatia ostruttiva cronica periferica. Rimini, february 28th- march 1th, 2018. Relatore.
254. SITE Update 2018. International Symposium on Endovascular Therapeutics. March 8th-9th, 2018. Panellist.
255. GORE symposium. Insight into the aortic diseases. Milano, march 15th, 2018. Chairman.
256. Impact of mechanical coupling of endograft to thoracic aorta. 46th Annual Symposium of the society of clinical vascular surgery. Las vegas, Nevada (USA), march 17th-21th, 2018. Relatore.
257. Focus sulla dissezione di tipo B: fattori predittivi di complicazione della dissezione e criteri di indicazione all'intervento chirurgico correttivo. Relatore.
258. Keynote lecture: current insights on the management of aortic dissection. AMC (Academic Medisch Centrum) scientific meeting. Amsterdam (Nederland), march 28th, 2018. Relatore.
259. Crema 2018: la chirurgia vascolare "open" nell'era dell'endovascolare. Crema, april 6th-7th, 2018. Relatore.
260. Follow-up clinico e prognostico della patologia aortica acuta. PSD Seminar Lunch Universitari. San Donato Milanese, april 12th, 2018. Relatore.
261. TBAD global perspective from IRAD. Medtronic lunch symposium at AATS aortic symposium 2018. New York (USA), april 26th, 2018. Relatore.
262. Presentation, management, and outcomes of acute aortic dissections with entry tear in the arch. AATS aortic symposium 2018. New York (USA), april 26th, 2018. Relatore.
263. TEVAR for acute uncomplicated type B dissection: when and why. AATS aortic symposium 2018. New York (USA), april 27th, 2018. Relatore.
264. Medtronic challenges in TEVAR. Roma, may 10th, 2018. Moderatore.
265. IIX corso di chirurgia endovascolare. Advanced aortic endovascular treatment and challenging procedures. Endovascular Cup. Viareggio, may 13th-14th, 2018. Relatore.
266. Roma CAPVT 2018. Carotid aortic peripheral vascular treatment. A feasibility study of off-the-shelf scalloped stent-grafts in acute type B aortic dissection. Roma, may 22th-23th, 2018. Relatore.
267. Flow chart del follow-up e risultati a distanza del trattamento endovascolare dell'aorta toraco-addominale. SICVE update 2018. Firenze, june 5th, 2018. Relatore.
268. Consistency of predictors of aortic growth in uncomplicated B dissection. VIP Congress 2018. Europe Meets Africa and Oceania. Padova, june 9th, 2018. Relatore.
269. Medtronic EAGLE. Live case observation and expert exchange session. San Donato Milanese, june 20th-21th, 2018. Relatore.
270. Natural history of aortic dissection. Summer School of Vascular Surgery. Bologna, june 26th, 2018. Relatore.
271. Dissezione. Bari levante (learning endovascular and vascular surgery national training education). July 2th, 2018. Relatore.
272. Simposio 3D printing. Pavia, september 5th-7th, 2018. Moderatore.
273. TEVAR for aortic dissection: where are we after 20 years of trials and registries? SIVEC 2018 - Siena Vascular and Endovascular Course. Siena, september 10th-12th, 2018. Relatore.
274. Endovascular treatment of malperfusion in acute type B dissection. Masterclass Vascular Endovascular Congress. Munster, september 14th-15th, 2018. Relatore.
275. IRAD from puberty to maturity: 20 years of experience. UMC symposium: flow dynamics and endovascular repair of the aorta. Utrecht, september 19th, 2018. Relatore.
276. ESVS 32nd Annual Meeting. European society for vascular and endovascular surgery. Valencia, september 26th-27th, 2018. Relatore e presentazione poster.
277. Follow up e risultati a lungo termine delle dissezioni aortiche tipo B: cosa ci riserva il futuro? Simposio SICVE, il futuro della patologia aortica nel III millennio. Catania, october 5th-6th, 2018. Relatore.
278. Late endoleak type Ib: prevention and treatment. TEAR Congress 2018, Technologies in Endovascular Aortic Repairs. Bologna, october 8th-9th, 2018. Relatore.

279. PAU: definition, demographic risk factors, natural history and indication for treatment. TEAR Congress 2018, Technologies in Endovascular Aortic Repairs. Bologna, october 8th-9th, 2018. Relatore.
280. Frozen elephant trunk. Insubria DIVA VI 2018, Dissecazione Accesso Vascolare Aorta e Arterie Periferiche. Como, october 11th-13th, 2018. Relatore.
281. When to intervene in acute type B dissection? 32nd EACTS Annual Meeting - European Association for Cardio-Thoracic Surgery. Milano 18th-20th october, 2018. Relatore.
282. Dissecazione aortica tipo B. Quando operare? XVII congresso nazionale SICVE (Società Italiana di Chirurgia Vascolare). Napoli, october 22th-24th, 2018. Relatore.
283. New findings from IRAD on management of uncomplicated TBAD patients: predictors of progression; when early TEVAR; when medical treatment and observation. 45th VEITH symposium (vascular endovascular issues techniques horizons). New York (USA), november 13th-17th, 2018. Relatore.
284. New concepts for better understanding aortic arch pathology, its progression and treatment. 45th VEITH symposium (vascular endovascular issues techniques horizons). New York (USA). November 13th-17th, 2018. Relatore.
285. Treatment strategy for type B dissections. Insight from IRAD. Medtronic vip thoracic expert exchange meeting. New York (USA), november 13th, 2018. Relatore.
286. TEVAR per dissecazione aortica: aggiornamenti dei dati da registri e trials mondiali. Cook roundtable discussion. Essentials of dissection repair: endovascular techniques for treating TBAD. Monza (italy), november 22th, 2018. Relatore.
287. Dissezioni croniche tipo B. Seminari Lombardi di Chirurgia Vascolare. Le dissezioni croniche. Lecco, november 27th, 2018. Relatore.
288. First experiences with the Valiant Navion Stent-Graft System case reviews. Medtronic TEVAR Meet and Exchange. Barcelona (Spain), 29th-30th november, 2018. Relatore.
289. How does tortuosity influence outcomes in TEVAR? Medtronic TEVAR Meet and Exchange. Barcelona (Spain), 29th-30th november, 2018. Relatore.
290. TEVAR and aortic dissection: registries and trials update. Medtronic meeting on dissection campaign roundtable. Belgrade (Serbia), 4th december, 2018. Lezione magistrale.
291. Time really matters (acute, subacute and chronic dissection timeframe). Medtronic meeting on dissection campaign roundtable. Belgrade (Serbia), 4th december, 2018. Lezione magistrale.
292. What have we learned from IRAD? Medtronic meeting on dissection campaign roundtable. Belgrade (Serbia), 4th december, 2018. Lezione magistrale.
293. Current management and outcome of acute dissection with proximal entry tear in the arch. HTDI (How To Do It). Aortic Surgery Peripheral and Venous. Ospedale San Raffaele. Milan, 13th-15th december, 2018. Relatore.
294. Consistency of predictors of aortic events in uncomplicated type B dissection. HTDI (How To Do It). Aortic Surgery Peripheral and Venous. Ospedale San Raffaele. Milan, 13th-15th december, 2018. Relatore.
295. Navion covered-seal value proposition and clinical application. Medtronic Meeting. Navion, the next fronTEVAR. Prague (Czech Republic), 11th-12th January, 2019. Relatore.
296. When and how to perform TEVAR: evidence based insights. Leipzig interventional course-LINC 2019. Leipzig (Germany), 22th-25th January, 2019. Relatore.
297. Medicina e chirurgia oggi in italia: prerogative e prospettive. Liceo Berchet. Milano, 4th february, 2019. Lezione magistrale.
298. EVAR. Quale follow-up e quando. Corso di formazione la via più sottile (low profile) da ovest a est. Granolo con Monticello (NO), 21th-22th february, 2019. Relatore.
299. The latest treatment strategy for uncomplicated type B dissection. Medtronic Endovascular Masters Japan Meeting 2019. Tokyo (Japan), 23th february, 2019. Lezione magistrale.
300. La dissezione acuta di tipo B: il trattamento oggi. Simposio Us and them-vascular surgery meeting. Modena, 5th march, 2019. Moderatore e relatore.
301. GORE Advanced Thoracic Symposium. Insight Into Aortic Diseases 2. Milano, 15th march, 2019. Chairman.
302. How to manage malperfusion after TBAD. Medtronic course: TEVAR Meet And Exchange treatment strategies for challenging cases. Athens (greece), 21st march, 2019. Relatore.
303. How does tortuosity influence outcomes in TEVAR? Medtronic TEVAR meet and exchange treatment strategies for challenging cases. Athens (greece), 22th march, 2019. Relatore.
304. Current limitations of TEVAR approach for any uncomplicated type B aortic dissection. 13th site International Symposium on Endovascular Therapeutics. Barcelona (Spain), 29th march, 2019. Relatore.
305. My decision making process in acute uncomplicated type B dissection. 13th site International Symposium on Endovascular Therapeutics. Barcelona (Spain), 29th march, 2019. Relatore.
306. Sindromi aortiche acute: quando e come intervenire. Simposio specialisti e medici di medicina generale insieme contro le malattie vascolari. Milano, 6th april 2019. Chairman e relatore.
307. Fluid dynamics in fenestrated arch endografts. Charing Cross International Symposium 2019. London (UK), 18th april, 2019. Relatore.
308. Management and results of acute dissection with arch tear. Charing Cross International Symposium 2019. London (UK), 18th april, 2019. Relatore.
309. Attività di sala operatoria: ottimizzazione e strumenti di misurazione. Convegno: ottimizzazione dei modelli organizzativi e gestionali in chirurgia vascolare. Salerno, 13th may 2019. Relatore.
310. Frozen elephant trunk: how? When? Why? Convegno: Roma CAPVT Mundi 2019 - carotid aortic peripheral vascular tretament. Roma, 21th may 2019. Relatore.
311. Convegno: non solo emangiomi: tutto quello che dovremmo sapere sulle anomalie vascolari. Milano, 24th may 2019. Chairman.
312. Principles of thoracic endovascular aortic repair (TEVAR). Medtronic course: TEVAR essentials. Milan, 6th june 2019. Relatore.
313. Management for complications of endovascular aortic aneurysm repairs. Gwangju International Interventional Cardiology Symposium - GICS 2019. Gwanju-korea, 14th june 2019. Chairman e relatore.
314. Clinical advantage of low PF device in TEVAR. Gwangju International Interventional Cardiology Symposium - GICS 2019. Gwanju-korea, 15th june 2019.
315. Seminari Lombardi di Chirurgia Vascolare. 18 giugno 2021. Moderatore.

316. Indicazioni alla TEA Carotidea. Simposio Stroke Unit Update-Approccio multidisciplinare al paziente con amlattia cerebrovascolare. Fondazione IRCCS Cà Granda Ospedale Maggiore, Milano. 24 giugno 2019. Moderatore e relatore.
317. Congresso Rivascoalizzazioni distali dal vivo. Teoria e pratica accanto al apziente in sala operatoria. II Edizione. Messina. 26-6-2019. Moderatore.
318. Endovascular management of aortic dissection. Summer School of VAScular Suregry. Bologna. 28 giugno 2019. Relatore.
319. Dissezione-Update. Congresso Bari-Matera Levante (Learning Endovascular and VAScular surgery National Training and Education) 2019. Matera. 5 luglio 2019. Relatore.
320. Quanti e quali centri per un miglior risultato. Congresso Procedure Complesse dell'aorta Toracica e Toracoaddominale. Adro (BS). 5-6 settembre. Moderatore e Relatore.
321. L'importanza dell'utilizzo dei nuovi device nel trattamento delle dissezioni aortiche tipo B. SIVEC 2019 - Siena Vascular and Endovascular Course. 9 settembre 2019. Relatore.
322. Standard of Care delle Dissezioni Aortiche Tipo B. SIVEC 2019 - Siena Vascular and Endovascular Course. 10 settembre 2019. Relatore.
323. Classification: Acute vs Chronic Becomes Hyperacute, Acute, Subacute, and Chronic AND Stanford vs DeBakey vs DISSECT. Cleveland Clinic Comprehensive Lifelong Expeditious Care of Aortic Dissection. Cleveland (OH, USA). 19 settembre 2019. Relatore.
324. Why don't we have a biomarker in acute aortic dissection? Cleveland Clinic Comprehensive Lifelong Expeditious Care of Aortic Dissection. Cleveland (OH, USA). 19 settembre 2019. Relatore.
325. Evolving Understanding of High-risk Features of Type B Dissections and Differentiating IMH from Dissections. Cleveland Clinic Comprehensive Lifelong Expeditious Care of Aortic Dissection. Cleveland (OH, USA). 19 settembre 2019. Moderatore e relatore.
326. Should we consider early FET for Type B too? Cleveland Clinic Comprehensive Lifelong Expeditious Care of Aortic Dissection. Cleveland (OH, USA). 20 settembre 2019. Relatore
327. Redo Sternotomy and Frozen Elephant Trunk Followed by TEVAR. Cleveland Clinic Comprehensive Lifelong Expeditious Care of Aortic Dissection. Cleveland (OH, USA). 20 settembre 2019. Relatore.
328. Current recommendations on treatment of Type B aortic dissection. 33rd ESVS (European Association for Vascular and Endovascular Surgery) Annual Meeting (Hamburg, Germany). 27 Settemre 2019. Relatore.
329. Seminario Lombardo-Veveto-Piemontese di Chirurgia Vascolare. Padova. 2 ottobre 2019. Moderatore.
330. 32° Congresso nazionale SIF (Società Italiana di Flebologia). La Flebologia è in continua evoluzione. Salsomaggiore Terme (PR). 3 ottobre 2019. Moderatore.
331. Predictors of Progression; When Early TEVAR; When Medical Treatment and Observation? 33rd EACTS (European Association for Cardio-Thoracic Suregry) Annual Meeting. Lisbona (Portugal). 4 ottobre 2019. Moderatore e relatore.
332. How tortuosity influence my decision making in TEVAR. Medtronic TEVAR Meet and Exchange Treatment Strategies for Challenging Cases. Roma. 10 ottobre 2019. Moderatore e Relatore.
333. Current treatment-strategies for TBAD with arch-involvement. Medtronic TEVAR Meet and Exchange Treatment Strategies for Challenging Cases. Roma. 10 ottobre 2019. Moderatore e Relatore.
334. Report on migration/drag forces aft er TEVAR in the proximal and distal thoracic aorta. 11th ESVB (Europena Symposium on Vascular Biomaterials). Strasburgo (France). 18 ottobre 2019. Relatore.
335. XVIII Congresso nazionale della SICVE (Società Italiana di Chirurgia Vascolare ed Endovascoalre). Firenze. 21-23 ottobre 2019. Moderatore.
336. Updated indications for TEVAR vs Surgery vs Medical Therapy in uncomplicated dissections. XXXI Giornate Cardiologiche Torinesi. Torino. 24 ottobre 2019. Relatore.
337. Aortic arch PAU. Constellations favoring transposition of supra aortic vessels and TEVAR. Aortic Association Summit 2019-Focus on Aortic Arch. Lugano. 2 novembre 2019. Chairman e relatore.
338. TEVAR: variazioni emodinamiche, sviluppi e risultati a distanza. Heart and Aortic Team. Tecnologie e Gestione- II edizione. Perugia. 5 novembre 2019. Relatore.
339. Dissezioni aortiche acute. GORE Medical Mastery-Criticità dell'endovascolare nelle patologie aortiche. Rezzato (BS). 8 novembre 2019. Relatore.
340. TEVAR nelle dissezioni acute di tipo B: ruolo dell'anatomia nel processo decisionale. Simposio Medtronic Next FronTEVAR-Un anno di Navion. Firenze 11 novembre 2019. Relatore.
341. Current Management of Type B Aortic Dissection. University of Florida Colege of Medicine - Gainesville (FL, USA). 14 novembre 2019. Lezione magistrale.
342. Importance of A Type III Aortic Arch And Descending Aorta Tortuosity In Determining Outcomes Of TEVAR And Treating TBADs: How To Deal With These Issues. VEITH Symposium 2019. New York (USA) 19 novembre 2019. Relatore.
343. What Do Fluid Dynamics Tell Us About The Durability And Long-Term Results Of Aortic Arch Branch And Fenestrated Endografts. VEITH Symposium 2019. New York (USA) 20 novembre 2019. Relatore
344. GREAT insights: Does gender affect access related complications after TEVAR? VEITH GORE Symposium 2019. New York (USA). 22 novembre 2019. Relatore.
345. Principles of Thoracic EndoVascular Aortic Repair (TEVAR). Medtronic TEVAR Essential. Milano. 28 novembre 2019. Relatore.
346. Tecniche di Sintesi Vascolare. Congresso della Società Italiana di Chirurgia Mini-Invasiva Ginecologica-Le Suture in Chirurgia Ginecologica ed Ostetrica. Erba (CO). 30 novembre 2019. Relatore.
347. TEVAR in ruptured aneurysms. TEAR (Technologies in Endovascular Arterial Repair) 2019. Bologna. 3 dicembre 2019. Relatore.
348. The results of the GREAT registry. TEAR (Technologies in Endovascular Arterial Repair) 2019. Bologna. 3 dicembre 2019. Relatore.
349. Valiant Navion: What have we learned about this next generation TEVAR device: 1-year results from the global clinical trial. LINC (Leipzig Interventional Coruse) 2020. Leipzig (Germany). 30 gennaio 2020. Moderatore e relatore.
350. Sindrome Aortica Acuta. Stato dell'arte. Aortic Teams: esperienze a confronto nelle patologie dell'arco aortico. Milano. 13 e 14 febbraio 2020. Organizzatore, moderatore e relatore.
351. Is distal oversizing the sole reason for distal SINE in chronic dissection and are there device specific differences? Virtual 42nd CX Symposium: Vascular and Endovascular Consensus Update. 23 April 2020. Relatore.
352. Esperienza di un Centro Spoke. Webinar L'Esperienza della Chirurgia Vascolare Lombarda nell'Epidemia Covid-19.8 giugno 2020. Relatore.

353. Update on research projects. Virtual Meeting Medtronic Dynamic Compliance. 26 giugno 2020. Relatore.
354. Sindromi Aortiche Acute: Indicazioni. Webinar Bari LEVANTE Learning Endovascular and Vascular surgery National Training and Education) 2020. 6 luglio 2020. Relatore.
355. Thoracic endovascular stent graft repair for ascending aortic diseases. Virtual CX Aorta Symposium. 9 settembre 2020. Relatore.
356. Navion Case Study. Virtual Meeting Medtronic DISSECT-N. 18 settembre 2020. Relatore
357. Introduzione alla Patologia dell'Arco Aortico. Webinar Patologia Dell'arco Aortico. 30 settembre 2020. Relatore.
358. Navion Case Study. Virtual Meeting Medtronic DISSECT-N. 6 ottobre 2020. Relatore
359. Valiant Navion Clinical data and Personal experience in TBADVirtual Metronic CEMA APV Meeting of the Minds.27 ottobre 2020. Relatore.
360. TEVAR technology and interactions with fragile aortas. Meeting Virtuale -XXXII Giornate Cardiologiche Torinesi. 6 novembre 2020. Relatore.
361. Tronchi Sovra Aortici. L'intervento chirurgico. Indicazione e risultati. Webinar Corso Teorico-Pratico di Eco Color Doppler Vascolare. Milano. 11 novembre 2020. Moderatore e relatore.
362. Chronic B Dissection: issues, tricks, tips, happiness, frustrations. Meeting Virtuale Medtronic TEVAR e-Max. 12 novembre 2020. Relatore.
363. Update on research projectsVirtual Meeting Medtronic Dynamic Compliance- 13 novembre 2020. Relatore.
364. Why Type B Aortic Dissection is Complicated, becomes Complicated, remains Uncomplicated. Virtual Aortic Association Conference on Acute Aortic Dissection: Current treatment approaches - open, endo and hybrid. 19 Novembre 2020. Relatore.
365. TEVAR in Acute Type B Dissection. Virtual A Coruña Meeting for Residents of Cardiovascular Surgery. 25 novembre 2020. Relatore.
366. Mid-term results of TEVAR in complicated versus uncomplicated acute type B aortic dissection. A report from the Gore Global Registry for Endovascular Aortic Treatment (GREAT). Virtual LINC (Leipzig Interventional Coruse). Leipzig (Germany). 28 gennaio 2021. Relatore.
367. Organization of the training network from the university side. 2nd International Webinar of Me.F.A.V.S. Mediterranean Federation for Advancing Vascular Surgery. Napoli. 18 marzo 2021. Relatore.
368. Total debranching: management of supraaortic vessels. Virtual Edition 69th ESCVS International Congress of the European Society of Cardiovascular and Endovascular Surgery. 26 marzo 2021. Moderatore e relatore.
369. The modified arch landing nomenclatures identifies hostile zones for endograft deployment. Virtual Edition 69th ESCVS International Congress of the European Society of Cardiovascular and Endovascular Surgery. 27 marzo 2021. Relatore.
370. Endovascular treatment of complicated versus uncomplicated acute type B aortic dissection. Virtual CX Vascular and Endovascular Controversies Update 2021. 19 aprile 2021. Relatore.
371. Update on Acute Type B Dissection. Virtual Vascular Surgery Teaching Conference. Chicago (IL-USA). 29 aprile 2021. Relatore.
372. I modelli matematici alla luce di un chirurgo vascolareWorkshop Virtuale-La Medicina in Silico in Italia: uno sguardo prospettico. Politecnico di Milano. 29 Aprile 2021. Relatore.
373. Webinar La Chirurgia Vascolare Durante La Pandemia Covid-19. Moderatore.
374. Technology seeks indication: how disruptive approaches fit to clinical demand. Aortic Aortic Association Webinar Series. 20 maggio 2021. Relatore.
375. Tipologie di lavori scientifici. La scelta della rivista. IRNERIO 2021 VI Workshop Virtuale. La Comunicazione Scientifica In Chirurgia Vascolare. Bologna. 8 giugno 2021. Relatore.
376. Sindromi Aortiche Acute: Stato dell'Arte. Webinar su: AORTIC TEAM e SINDROME AORTICA ACUTA Pisa. 9 Giugno 2021. Relatore.
377. Update on Type B Aortic Dissection. Virtual 19th GICS 2021 (Gwangju International Interventional Cardiology Symposium). Gwangju (China). 10 giugno 2021. Relatore.
378. Linee Guida SICVE: novità dall'ultimo aggiornamento e confronto con le linee guida internazionali. Webinar SICVE (Società Italiana di Chirurgia Vascolare ed Endovascolare). Roma. 17 giugno 2021.

ATTIVITÀ GESTIONALI, ORGANIZZATIVE E DI SERVIZIO

INCARICHI DI GESTIONE E AD IMPEGNI ASSUNTI IN ORGANI COLLEGIALI E COMMISSIONI, PRESSO RILEVANTI ENTI PUBBLICI E PRIVATI E ORGANIZZAZIONI SCIENTIFICHE E CULTURALI, OVVERO PRESSO L'ATENEO O ALTRI ATENEI
(inserire incarico/impegno, ente, data, ecc.)

1. Dal 14-3-2017 al 01-10-2018: Membro del collegio dei docenti - Dottorato di Ricerca in Scienze Chirurgiche - Università degli Studi di Bologna.
2. Da ottobre 2018: Membro del collegio dei docenti - Dottorato in Ricerca Clinica - Università degli Studi di Milano.
3. Dal 2021: Membro del Consiglio Direttivo della Società Italiana di Chirurgia Vascolare ed Endovascolare (SICVE).
4. Dal 2021: Membro della commissione Internazionalizzazione del Dipartimento di Scienze Cliniche e di Comunità (DISCCO)- Università degli Studi di Milano.

ATTIVITÀ CLINICO ASSISTENZIALI

(indicare, data, durata, ruolo, ente presso il quale si è prestata attività assistenziale, ecc.)

1. Dal 1995 al 1997 Fellowship in Chirurgia Cardiaca and Toraco-vascolare presso il Policlinico San Donato, Centro Cardiovascolare "E. Malan", Direttore: Dr. L. Menicanti.
2. Da gennaio 1997 ad Ottobre 2015 Dirigente di I° livello, Divisione di Chirurgia Vascolare II (Direttore Prof. Vincenzo Rampoldi), Policlinico San Donato IRCCS, Centro Cardiovascolare "E. Malan".
3. Dal 1 novembre 2015 al 31 ottobre 2018, Direttore della Divisione di Chirurgia Vascolare II, IRCCS Policlinico San Donato.
4. Dal 1 novembre 2018, direttore UOC di Chirurgia Vascolare, Fondazione IRCCS Cà Granda Ospedale Maggiore Policlinico Milano.

Fino al 31 maggio 2021, esegue come 1° chirurgo 2423 interventi, sia in elezione che in urgenza.

Di questi, 2180 interventi sul sistema arterioso con tecnica open ed endovascolare:

- interventi su aorta ascendente ed arco: 90; open 81 (con sostituzione valvolare aortica associata in 28 casi) - endovascolare 49
- interventi su aorta toracica discendente e toraco-addominale: 288; open 54 - endovascolare 234
- interventi su aorta addominale: 627; open 314 - endovascolare 313
- interventi sui TSA: 627; tea carotide 560 - stenting tsa 36 - bypass carotido-succlavio 51
- interventi sul distretto arterioso iliaco-femoro-popliteo-tibiale: 409; open 291 - endovascolare 118
- interventi vascolari arteriosi vari: 119

Interventi sul distretto venoso periferico: 243

Fino al 31 maggio 2021 ha eseguito come 2° chirurgo 1145 interventi, sia in elezione che in urgenza.

- interventi su aorta ascendente ed arco: open 186;
- interventi su aorta toracica discendente e toraco-addominale: 215; open 193 - endovascolare 22
- interventi su aorta addominale: 431; open 391 - endovascolare 40
- interventi sui TSA: 215; tea carotide 207 - stenting carotide 7 - bypass carotido-succlavio 1
- interventi sul distretto arterioso iliaco-femoro-popliteo-tibiale: 98; open 85 - endovascolare 13

Fino al 31 maggio 2021, esegue come 2° chirurgo-Senior 325 interventi, sia in elezione che in urgenza.

- Interventi su aorta ascendente ed arco: 12; open 11 - endovascolare 1
- interventi su aorta toracica discendente e toraco-addominale: 15; open 3 - endovascolare 12
- interventi su aorta addominale: 88; open 30 - endovascolare 58
- interventi sui TSA: 131; tea carotide 125 - stenting carotide 6
- interventi sul distretto arterioso iliaco-femoro-popliteo-tibiale: 79; open 55 - endovascolare 24

Data

28-giugno-2021

Luogo

Milano