

# Professor Enrico Ferrari

## Scientific publications

(146 peer-reviewed publications indexed in PubMed (PMID))

---

### 2004 (2)

1) Corno AF, Boone Y, Mallabiabarrena I, Augstburger M, Tozzi P, **Ferrari E**, von Segesser LK

Myocardial and Pulmonary Effects of Aqueous Oxygen With Acute Hypoxia.

Ann Thorac Surg 2004;78:956-960

PMID: 15337027

2) Berreklouw E, Pompei E, **Ferrari E**, Odzemir H, Ter Woorst J.

Hospital outcome After Aorta-Radial Versus Internal Thoracic Artery-Radial Artery Graft.

J Card Surg;2004;19:520-527

PMID: 15548185

3) Corno A, Boone Y, Mallabiabarrena I, Augstburger M, **Ferrari E**, Tozzi P, von Segesser LK

Hypoxic pulmonary Hypertension: Aqueous oxygen better than prostaglandins  
Cardiol in the Young 2004;14:53

4) Huber C, Nasratullah C, Tozzi P, Corno A, Marty B, **Ferrari E**, Taub S, von Segesser LK

Valved stents for sutureless aortic valves replacement – fire and forget

Thorac Cardiovasc Surg 2004;52:S7

### 2005 (4)

5) **Ferrari E**, Stumpe F, von Segesser LK

Giant Saphenous Vein Graft Aneurysm.

Eur J Cardiothorac Surg. 2005;28:163

PMID: 15982600

6) **Ferrari E**, Tozzi P, von Segesser LK

Spontaneous coronary artery dissection in a young woman: from emergency coronary artery bypass grafting to heart transplantation.

Eur J Cardiothorac Surg. 2005;28:349-351

PMID: 15949946

## 2006 (7)

7) **Ferrari E**, Tozzi P, von Segesser LK

Thoracic aorta emergencies: is the endovascular treatment the new gold standard?

Interact Cardiovasc Thorac Surg 2006;5:730-734

PMID: 17670696

8) von Segesser LK, Tozzi P, **Ferrari E**, Huber C, Delay D, Jegger D, Horisberger J

Small access (30F) clinical central venous smart cannulation: is it adequate?

Interact Cardiovasc Thorac Surg 2006;5:540-543

PMID: 17670641

9) **Ferrari E**, von Segesser LK

Arterial grafting for myocardial revascularization: how better is it?

Curr Opin Cardiol 2006;21:584-588

PMID: 17053408

## 2007 (11)

10) Siniscalchi G, Tozzi P, **Ferrari E**, Delay D, Ruchat P, von Segesser LK

Endovascular repair of aortic arch aneurysm after achievement of local anesthesia.

J Thorac Cardiovasc Surg 2007;133:262-263

PMID: 17198829

11) **Ferrari E**, Tozzi P, von Segesser LK

The Vascular Join: a new sutureless anastomotic device to perform end-to-end anastomosis. Preliminary results in an animal model.

Interact Cardiovasc Thorac Surg 2007;6:5-8

PMID: 17669755

12) Vassalli G, Gersbach P, **Ferrari E**, Tozzi P, Ruchat P, Delay D, Hurni M, Moccetti T, von Segesser LK, Vogt P.

Cell therapies in cardiology: results from the first randomized clinical trials.

Rev Med Suisse 2007;3:110-114

PMID: 17354534

13) Tozzi P, Pavelec-Wojtalic M, Bukowska D, **Ferrari E**, Siniscalchi G, von Segesser LK.

Endoscopic access closure for direct implantation of valved stents.

Swiss Med Wkly. 2007;137:182-184

PMID: 17457701

14) von Segesser LK, **Ferrari E**, Delay D, Horieberger J, Tozzi P.

Cardiac Decompression with cardio-pulmonary bypass prior to resternotomy.

Hertz-Thorax-Gefärschir 2007;21:206-212

15) von Segesser LK, Marty B, Tozzi P, Ruchat P, **Ferrari E**, Delay D, Argitis V, Siniscalchi G, Bruscheiler I, Bogen M, Gallino A. Gefärschirurgie Ausbildung in endovaskulärer Technik in Lausanne.

Gefärschirurgie. 2007;12:225-230

## 2008 (17)

16) **Ferrari E**, Pompei E, Scocchia C, Berreklow E, von Segesser LK.

Arterial Myocardial Revascularization and Radial Artery: Different Surgical Strategies and Short-Term Results.

G Ital Cardiol 2008;9:185-193

PMID: 18422099

17) Tozzi P, Quanadli SD, Marty B, Ruchat P, **Ferrari E**, Delay D, Siniscalchi G, von Segesser LK

Hybrid treatment of aortic aneurysms.

Rev Med Suisse 2008;4:793-796

PMID: 18476649

18) Gersbach P, Gardaz P, **Ferrari E**, von Segesser LK.

Indications, limits and future of epidural spinal cord electrical stimulation for coronary and peripheral artery disease.

Rev Med Suisse. 2008;4(150):797-804

PMID: 18476650

19) **Ferrari E**, Stalder N, von Segesser LK.

On-pump beating heart coronary surgery in high-risk patients undergoing emergency coronary artery bypass grafting.

J Cardiothorac Surg. 2008;3:38

PMID: 18597673

20) von Segesser LK, **Ferrari E**, Delay D, Mauntz O, Horisberger J, Tozzi P.

Routine use of self-expanding venous cannulas for cardiopulmonary bypass: Benefits and pitfalls in 100 consecutive cases.

Eur J Cardiothorac Surg. 2008;34:635-640

PMID: 18635371

21) von Segesser LK, Siniscalchi G, Kang K, Horisberger J, **Ferrari E**, Delay D, Tozzi P.

Temporary caval stenting improves venous drainage during cardiopulmonary bypass.

Interact Cardiovasc Thorac Surg 2008;7:1096-1100

PMID: 18697761

## 2009 (24)

22) Vona M, Codeluppi GM, Iannino T, **Ferrari E**, Bogousslavsky J, von Segesser LK.

Effects of different types of exercise training followed by detraining on endothelium-dependent dilation in patients with recent myocardial infarction.

Circulation. 2009;119:1601-1608

PMID: 19289636

23) Vergnat M, Henaine R, Kalejs M, Bommeli S, **Ferrari E**, Obadia JF, Von Segesser LK.

A new self-expanding aortic stent valve with annular fixation: in vitro hemodynamic assessment.

Eur J Cardiothorac Surg. 2009;35:970-976

PMID: 19409805

24) Tozzi P, Marty B, Ruchat P, **Ferrari E**, Siniscalchi G, von Segesser LK.  
Endovascular thoracic aorta aneurysm repair (TEVAR) without angiography.  
Innovations. 2009;4:32-35

PMID: 22436901

25) **Ferrari E** (interview)

Une nouvelle opération cardiaque change la vie des patients âgés.  
ChuvMagazine; issue: spring 2009 (French)

26) **Ferrari E**, Sulzer C, Rizzo E, von Segesser LK.

Transcatheter stent-valve implantation in a stenotic pulmonary conduit via a sub-xyphoidian access.

Eur J Cardiothorac Surg. 2009;36:595-597

PMID: 19524450

27) **Ferrari E**, Sulzer C, Rizzo E, von Segesser LK.

A fully echo-guided trans-apical aortic valve implantation.

Eur J Cardiothorac Surg. 2009;36:938-940

PMID: 19683455

28) Kalejs M, **Ferrari E**, von Segesser LK.

Towards no-scar cardiac surgery - minimally invasive access through umbilicus for aortic valve replacement.

Eur J Cardiothorac Surg. 2009;36:773-775

PMID: 19640726

29) von Segesser LK, Kalejs M, **Ferrari E**, Bommeli S, Maunz O, Horisberger J, Tozzi P

Superior flow for bridge to life with self-expanding venous cannulas.

Eur J Cardiothorac Surg. 2009;36:665-669

PMID: 19615916

## 2010 (36)

30) **Ferrari E**, Rizzo E, Sulzer C, von Segesser LK.

Unexpected left ventricular free wall rupture following an aortic catheter-valve implantation.

Eur J Cardiothorac Surg. 2010;37:242-244

PMID: 19695895

31) **Ferrari E**, Marcucci C, Di Bernardo S, von Segesser LK.

Feasibility of transapical aortic valve implantation guided by intracardiac ultrasound without angiography.

J Thorac Cardiovasc Surg 2010;140:e32-34

PMID: 20299031

32) **Ferrari E**, Marcucci C, Sulzer C, Rizzo E, von Segesser LK.

No arterial access: a “blind flight” for a transapical aortic valve implantation (TAVI).

J Heart Valve Dis. 2010;19:266-268

PMID: 20369518

33) **Ferrari E**, Locca D, Sulzer C, Marcucci C, Rizzo E, Tozzi P, von Segesser LK.

Successful transapical aortic valve implantation in a congenital bicuspid aortic valve.

Ann Thorac Surg. 2010;90:630-632

PMID: 20667364

34) **Ferrari E** (interview)

Des chirurgiens cardiaques formés sur simulateurs.

ChuvMagazine; issue: winter 2010 (French)

35) **Ferrari E**, Tozzi P, Hurni M, Ruchat P, Stumpe F, von Segesser LK.

Primary, isolated aortic valve surgery in octogenarians.

Eur J Cardiothorac Surg. 2010;38:128-133

PMID: 20304666

36) **Ferrari E**, Sulzer C, Marcucci C, Rizzo E, Tozzi P, von Segesser LK.

Transapical Aortic Valve Implantation Without Angiography - Proof of Concept.

Ann Thorac Surg. 2010;89:1925-1932

PMID: 20494050

37) **Ferrari E**, Marcucci C, Sulzer C, von Segesser LK.

Which available transapical transcatheter valve fits into degenerated aortic bioprostheses?

Interact Cardiovasc Thorac Surg 2010;11:83-85

PMID: 20395247

38) **Ferrari E**, Sulzer C, Marcucci C, von Segesser LK.

The “dumbbell” technique for improved echocardiographic-guided transapical aortic valve implantations.

J Thorac Cardiovasc Surg. 2010;140:1428-1429

PMID: 20561641

39) Berdajs D, Born F, Crosset M, Horisberger J, Künzli A, **Ferrari E**, Tozzi P, von Segesser LK.

Superior venous drainage in "Life -Box" a portable extracorporeal oxygenator with the self-expanding venous cannula.

Perfusion. 2010;25:211-215

PMID: 20573653

40) **Ferrari E**

Editorial: Bailout aortic balloon valvuloplasty - why without a stent-valve?

Eur J Cardiothorac Surg. 2010;38:391-393

PMID: 20829055

41) Niclauss L, Delay D, **Ferrari E**, Gersbach P, Stumpe F, von Segesser LK.

Therapy of acute massive pulmonary embolism associated with Klipper-Trenaunay Syndrome.

Ann Vasc Surg 2010;24:1138.e5-7

PMID: 21035716

42) **Ferrari E**, von Segesser LK.

Transcatheter aortic valve implantation (TAVI): state of the art techniques and future perspectives.

Swiss Med Wkly 2010;140:w13127. doi: 10.4414/smw.2010.13127

PMID: 21120735

**2011 (48)**

43) Liu L, Tozzi P, **Ferrari E**, von Segesser LK.

The transventricular-transseptal access to the aortic root: a new route for extrapleural trans-catheter aortic stent-valve implantation.

Eur J Cardiothorac Surg. 2011;39:635-641

PMID: 20627612

44) **Ferrari E**

Editorial comment: Severe intraprosthetic regurgitation following transcatheter aortic valve implantation – to crimp or not to crimp? This might be the problem.

Eur J Cardiothorac Surg. 2011;39:593-594

PMID: 20934879

45) **Ferrari E**, Sulzer C, Marcucci C, Qanadli SD, Locca D, Berdajs D, von Segesser LK.

Transapical aortic valve implantation following a left pneumonectomy.

J Card Surg 2011;26:28-30

PMID: 21156000

46) Ris HB, Krueger T, Gonzalez M, **Ferrari E**, Chollet-Rivier M, Marcucci C, Prior J, Jayet PY, Aubert JD.

Successful bilateral lung transplantation after previous pneumonectomy.

Ann Thorac Surg. 2011;91:1302-1304

PMID: 21440175

47) **Ferrari E**, Berdajs D, Niclauss L, von Segesser LK

Intussusception-like phenomenon in acute type A aortic dissection.

Eur J Cardiothorac Surg. 2011;40:531

PMID: 21237667

48) **Ferrari E**, Niclauss L, Berdajs D, von Segesser LK.

Imaging for transcatheter pulmonary stent-valve implantation without angiography: role of intravascular ultrasound.

Eur J Cardiothorac Surg. 2011;40:522-524

PMID: 21242091

49) **Ferrari E**, Sulzer C, Marcucci C, Qanadli SD, Roumy A, Niclauss L, von



Segesser LK.

Successful combined minimally invasive direct coronary artery bypass and transapical aortic valve implantation.

Ann Thorac Surg. 2011;91:1979-1982

PMID: 21619999

50) Berdajs D, **Ferrari E**, Michalis A, Burki M, Pieters C, Horisberger J, von Segesser LK.

New prototype of femoral arterial SmartCannula with anterograde and retrograde flow.

Perfusion 2011;26:271-275

PMID: 21339246

51) Berdajs D, Ruchat P, Suva M, **Ferrari E**, Ligang L, von Segesser LK.

Congenital Giant Aneurysm of the Left Coronary Artery.

Heart Lung Circ. 2011;20:663-665

PMID: 21478051

52) Berdajs DA, Trampuz A, **Ferrari E**, Ruchat P, Hurni M, von Segesser LK.

Delayed primary versus late secondary wound closure in the treatment of postsurgical sternum osteomyelitis.

Interact Cardiovasc Thorac Surg. 2011;12:914-918

PMID:21372144

53) **Ferrari E** (interview)

L'aostano che svela agli USA i segreti della cardiocirurgia.

La Stampa. 29.07.2011 (Italian)

54) Berdajs DA, De Stefano E, Delay D, **Ferrari E**, Horisberger J, Dittmar Q, von Segesser LK.

The new advanced membrane gas exchanger.

Interact Cardiovasc Thorac Surg. 2011;13:591-596

PMID: 21835847

55) **Ferrari E**, Marcucci C, Roumy A, von Segesser LK.

Type A quadricuspid aortic valve and ascending aorta aneurysm: a rare combination.

J Heart Valve Dis. 2011;20:723-725

PMID: 22655506

**2012 (54)**

56) **Ferrari E**

Transapical aortic “valve-in-valve” procedure for degenerated stented bioprosthesis.  
Eur J Cardiothorac Surg. 2012;41:485-490

PMID: 22011780

57) **Ferrari E**, Gronchi F, Qanadli SD, von Segesser LK.

Transapical aortic valve implantation through a chronic apical aneurysm.  
Interact Cardiovasc Thorac Surg. 2012;14:367-369

PMID: 22159241

58) **Ferrari E**, Girod G (interview)

Un service à Coeur ouvert

Le Nouvelliste. 27.03.2012 (French)

59) Berdajs D, **Ferrari E**

Surgical treatment for heart myxomas.

Multimed Man Cardiothorac Surg. 2012 Jan 1;2012:mms016. doi:  
10.1093/mmcts/mms016

PMID: 24414719

60) **Ferrari E**, Niclauss L, Berdajs D, von Segesser LK

Modified “dumbbell” technique: a simple intuitive method to position balloon-expandable stent-valves.

Eur J Cardiothorac Surg. 2012;42:e163-5. doi: 10.1093/ejcts/ezs493.

PMID:23138591

61) **Ferrari E**

Transcatheter aortic “valve-in-valve” for degenerated bioprostheses: Choosing the right TAVI valve.

Ann Cardiothorac Surg 2012;1:260-262

PMID: 23977505

62) Berdajs D, Marinakis S, Kessler U, Muradbegovic M, **Ferrari E**, von Segesser LK

Impaired left ventricular function as a predictive factor for mid-term survival in octogenarians after primary coronary artery bypass surgery.

Swiss Med Wkly 2012;142:0.doi:10.4414/smw.2012.13704

PMID: 23135871

63) **Ferrari E**

External eSVS Mesh for vein grafting.

EACTS daily news, Sat 27 Oct 2012.

## 2013 (61)

64) **Ferrari E**, Namasivayam J, Marcucci C, Gronchi F, Berdajs D, Niclauss L, von Segesser LK.

Transapical aortic valve replacement in extreme-risk patients: outcome, risk factors and mid-term results.

Eur J Cardiothorac Surg. 2013;43:978-985.

PMID: 22885336

65) Zou Y, **Ferrari E**, von Segesser LK

Off-pump transapical mitral valve-in-ring implantation

Eur J Cardiothorac Surg. 2013;43:849-855

PMID: 22822106

66) Niclauss L, von Segesser LK, **Ferrari E**

Aortic biological valve prosthesis in patients younger than 65 years of age: transition to a flexible age limit?

Interact Cardiovasc Thorac Surg. 2013;16:501-508

PMID: 23287588

67) **Ferrari E**, Van Steenberghe M, Namasivayam N, Berdajs D, Niclauss L, von Segesser LK.

Feasibility of transapical aortic valve replacement through a left ventricular apical diverticulum.

Eur J Cardiothorac Surg. 2013;8:3 doi:10.1186/1749-8090-3-38

PMID: 23294524

68) von Segesser LK, Gerosa G, Borger MA, **Ferrari E**

Prevention and management of potential adverse events during transapical aortic valve replacement.

J Heart Valve Dis. 2013;22:276-286

PMID: 24151752

69) Tozzi P, Locca D, Gronchi F, Hayoz D, **Ferrari E**, von Segesser LK, Hullin R  
Active mitral ring for post-surgical remote correction of residual mitral regurgitation on the beating heart.

Eur J Cardiothorac Surg. 2013;44:370-374

PMID: 23386714

70) Colombier S, Kessler U, **Ferrari E**, von Segesser LK, Berdajs D

Influence of deep sternal wound infection on long-term survival after cardiac surgery

Med Sci Monit 2013;19:668-673

PMID: 23942043

71) **Ferrari E**

Intracardiac and intravascular ultrasound.

EACTS daily news, Dom 6 Oct 2013.

## 2014 (75)

72) Gronchi F, Perret A, **Ferrari E**, Marcucci CM, Flèche J, Crosset M, Schoettker P, Marcucci C

Validation of rotational thromboelastometry during cardiopulmonary bypass: a prospective, observational in-vivo study.

Eur J Anaesthesiol 2014;31:68-75

PMID: 23867776

73) **Ferrari E**, Berdajs D, Tozzi P, Prêtre R

Transaortic transcatheter aortic valve replacement with the Sapien™ valve and the first generations of Ascendra™.

Eur J Cardiothorac Surg. 2014;45:188-190

PMID: 23766427

74) **Ferrari E**, Niclauss L, Locca D, Marcucci C

On-pump fibrillating-heart mitral valve replacement with the Sapien™ XT

transcatheter heart valve.

Eur J Cardiothorac Surg. 2014;45:749-751

PMID: 23847181

75) **Ferrari E**, Locca D, Marcucci C, Janrendaud X

Urgent reoperative transapical valve-in-valve shortly after a transapical aortic valve implantation.

Eur J Cardiothorac Surg. 2014;46:748-750

PMID: 24292266

76) Niclauss L, Delay D, **Ferrari E**, Prêtre R

Impact of preoperative central neurologic dysfunction on patients undergoing emergency surgery for type A dissection.

Ann Vasc Surg. 2014;28:1227-1235

PMID: 24184458

77) Li L, Abdel-Sayed S, Berdajs D, Tozzi P, von Segesser L, **Ferrari E**

Caval collapse during cardiopulmonary bypass: a reproducible bench model.

Eur J Cardiothorac Surg. 2014;46:306-3012

PMID: 24431162

78) Marinakis S, **Ferrari E**, Delay D, Tozzi P, Berdajs D, Niclauss L, Rolf T, von Segesser LK.

Extracorporeal Membrane Oxygenation Support in Acardia.

ASAIO J. 2014;60:348-350

PMID: 24625533

79) Berdajs D, Muradbegovic M, Haselbach D, Kofmehl R, Steurer J, **Ferrari E**, Held U, von Segesser LK

Ross Procedure: is the root replacement technique superior to the sub-coronary implantation technique? Long-term results.

Eur J Cardiothorac Surg. 2014;46:944-951

PMID: 24775717

80) Wenaweser P, Stortecky S, Heg D, Tueller D, Nietlispach F, Falk V, Pedrazzini G, Jeger R, Reuthebuch O, Carrel T, Räber L, Amann FW, **Ferrari E**, Toggweiler S, Noble S, Roffi M, Gruenenfelder J, Jüni P, Windecker S, Huber C.

Short-term clinical outcomes among patients undergoing transcatheter aortic valve

implantation in Switzerland: the Swiss TAVI registry.

EuroIntervention. 2014;10:982-989

PMID: 24694729

81) **Ferrari E**, Siniscalchi G, Marinakis S, Berdajs D, von Segesser LK.

Fast implantable aortic valve implantation and concomitant mitral procedures

Interact Cardiovasc Thorac Surg. 2014;19:682-684

PMID: 25015540

82) Mosbahi S, Mickaily-Huber E, Charbonnier D, Hullin R, Burki M, **Ferrari E**, von Segesser LK, Berdajs D.

Computational fluid dynamics of the right ventricular outflow tract and of the pulmonary artery: a bench model of flow dynamics.

Interact Cardiovasc Thorac Surg. 2014;19:611-616

PMID: 24948576

83) Dvir D, Webb JG, Bleiziffer S, Pasic M, Waksman R, Kodali S, Barbanti M, Latib A, Schaefer U, Rodés-Cabau J, Treede H, Piazza N, Hildick-Smith D, Himbert D, Walther T, Hengstenberg C, Nissen H, Bekerredjian R, Presbitero P, **Ferrari E**, Segev A, de Weger A, Windecker S, Moat NE, Napodano M, Wilbring M, Cerillo AG, Brecker S, Tchetché D, Lefèvre T, De Marco F, Fiorina C, Petronio AS, Teles RC, Testa L, Laborde JC, Leon MB, Kornowski R; Valve-in-Valve International Data Registry Investigators.

Transcatheter aortic valve implantation in failed bioprosthetic surgical valves.

JAMA. 2014;312:162-170.

PMID: 25005653

84) Morisoli AP, Gronchi F, **Ferrari E**, Blanc C, Frascarolo P, Angelillo-Scherrer A, Marcucci C.

The influence of drugs used in cardiac anesthesia and critical care on multiple electrode aggregometry: An in-vitro volunteer study.

Eur J Anaesthesiol. 2014;31:499-504

PMID: 25010745

85) **Ferrari E**

Apical closure device

EACTS daily news, Sat 11 Oct 2014.

86) von Segesser L, **Ferrari E**, Tozzi P, Abdel-Sayed S, Berdajs D.  
Late removal of retrievable caval filters.  
Swiss Med Wkly. 2014;144:w14022. doi:10.4414/smw.2014.14022.  
**PMID:25375823**

## 2015 (83)

87) **Ferrari E**, Locca D, Berdajs D, Marcucci C, Gronchi F, Lavanchy J, Prêtre R, Tozzi P  
Use of a VSD occluder for apical closure in transapical aortic valve replacement.  
Innovations. 2015;10:68-70  
**PMID: 25621876**

88) Li L, Abdel-Sayed S, Berdajs S, **Ferrari E**, von Segesser LK.  
Venous cannula performance assessment in a realistic caval tree model  
Eur J Cardiothorac Surg. 2015;20:194-199  
**PMID: 25368132**

89) **Ferrari E**, von Segesser LK, Berdajs D.  
Improving coronary artery bypass graft durability: use of the external saphenous vein graft support.  
Multimed Man Cardiothorac Surg. 2015. Pii: mmv005. Doi: 10.1093/mmcts/mmv005.  
**PMID: 25976117**

90) **Ferrari E**, Siniscalchi G, Tozzi P, von Segesser LK.  
Aortic annulus stabilization technique for rapid deployment aortic valve replacement.  
Innovations. 2015;10:360-362  
**PMID: 26575385**

91) **Ferrari E**, Berdajs D, Tozzi P, Siniscalchi G, von Segesser LK.  
Apical closure device for transapical valve procedures.  
Interact Cardiovasc Thorac Surg. 2015;21:561-564  
**PMID: 26265071**

92) Fournier S, Monney P, **Ferrari E**, Lglesias JF, Roguelov C, Zuffi A, Eeckhout E, Muller O.

Transcatheter aortic valve implantation: update on indications.

Rev Med Suisse. 2015;11:1197-1200

PMID: 26182639

93) **E. Ferrari** (Interview)

Un nuovo caposervizio

CCT Magazine Spring 2015 (Italian)

94) Binder RK, Stortecky S, Heg D, Tueller D, Jeger R, Toggweiler S, Pedrazzini G, Amann FW, **Ferrari E**, Noble S, Nietlispach F, Maisano F, Räber L, Roffi M, Grünenfelder J, Jüni P, Huber C, Windecker S, Wenaweser P.

Procedural Results and Clinical Outcomes of Transcatheter Aortic Valve Implantation in Switzerland: An Observational Cohort Study of Sapien 3 Versus Sapien XT Transcatheter Heart Valves.

Circ Cardiovasc Interv. 2015 Oct;8(10). pii: e002653. doi:

10.1161/CIRCINTERVENTIONS.115.002653

PMID: 26453687

95) Samim D, Tozzi P, **Ferrari E**

Surgical outcome after isolated on-pump and off-pump anterior descending coronary revascularization.

Swiss Med Wkly. 2015;145:w14239. doi:10.4414/smw.2015.14239.

PMID: 26709551

## 2016 (93)

96) Berdajs D, Mosbahi S, Forro Z, Gerber C, **Ferrari E**, Charbonnier D, von Segesser LK.

Numerical analysis of the aortic root 3-dimensional aortic root morphology during the cardiac cycle.

Eur J Cardiothorac Surg. 2016;49:1213-1221

PMID: 26354961

97) **Ferrari E**

Apical access and closure devices for transapical transcatheter heart valve procedures.

Swiss Med Wkly 2016.22;146:w14237. doi: 10.4414/smw.2016.14237.



PMID: 26900765

98) Gallo M, Dvir D, Demertzis S, Pedrazzini G, Berdajs D, **Ferrari E**  
Transcatheter valve-in-valve implantation for degenerated bioprosthetic aortic and mitral valves.

Expert Rev Med Devices. 2016;13:749-758

PMID: 27359372

99) **Ferrari E**, Muller O, Demertzis S, Moccetti M, Moccetti T, Pedrazzini G, Eeckhout E.

Transaortic transcatheter aortic valve replacement through a right mini-thoracotomy with balloon-expandable Sapien™ 3 valve.

Multimed Man Cardiothorac Surg. 2016 Jul 8;2016. pii: mmw011. doi:

10.1093/mmcts/mmw011

PMID: 27401072

100) **Ferrari E**, Dvir D, Guerrero M

Transatheter mitral valve replacement in degenerated calcified native mitral valves: is the currently available technology suitable?

Eur J Cardiothorac Surg. 2016;50:391-395

PMID: 27247377

101) Guerrero M, Dvir D, Himbert D, Urena M, Eleid M, Wang DD, Greenbaum A, Mahadevan VS, Holzhey D, O'Hair D, Dumonteil N, Rodes-Cabau J, Piazza N, Palma JH, DeLago A, **Ferrari E**, Witkowski A, Wendler O, Kornowski R, Martinez-Clark P, Ciaburri D, Shemin R, Alnasser S, McAllister D, Bena M, Kerendi F, Pavlides G, Sobrinho JJ, Attizzani GM, George I, Nickenig G, Fassa AA, Cribier A, Bapat V, Feldman T, Rihal C, Vahanian A, Webb J, O'Neill W.

Transcatheter mitral valve replacement in native mitral valve disease with severe mitral annular calcification: results from the first multicenter global registry.

JACC Cardiovasc Interv. 2016;9:1361-1371

PMID: 27388824

102) von Segesser L, Marinakis S, Berdajs D, **Ferrari E**, Wilhelm M, Maisano F  
Prevention and therapy of leg ischaemia in extracorporeal life support and extracorporeal membrane oxygenation with peripheral cannulation.

Swiss Med Wkly. 2016.146:w14304. doi: 10.4414/smw.2016.14304

PMID: 27153458

103) von Segesser LK, Berdajs D, Abdel-Sayed S, Tozzi P, **Ferrari E**, Maisano F  
New, Virtually Wall-less Cannulas Designed for Augmented Venous Drainage in  
Minimally Invasive Cardiac Surgery.

Innovations. 2016;11:278-281

PMID: 27561178

104) **Ferrari E**

Apical closure device for fully-percutaneous transapical valve procedures: stress-test  
in an animal model.

EACTS daily news, Sun 2 Oct 2016

105) Pilgrim T, Stortecky S, Nietlispach F, Heg D, Tueller D, Toggweiler S, **Ferrari E**,  
Noble S, Maisano F, Jeger R, Roffi M, Grünenfelder J, Huber C, Wenaweser P,  
Windecker S.

Repositionable Versus Balloon-Expandable Devices for Transcatheter Aortic Valve  
Implantation in Patients With Aortic Stenosis.

J Am Heart Assoc. 2016 Nov 17;5(11). pii: e004088

PMID: 27856487

106) Putzu A, Capelli B, Belletti A, Cassina T, **Ferrari E**, Gallo M, Casso G,  
Landoni G.

Perioperative statin therapy in cardiac surgery: a meta-analysis of randomized  
controlled trials.

Critical Care 2016;20:395

PMID: 27919293

## 2017 (108)

107) Franciosi G, Trunfio R, **Ferrari E**, Demertzis S.

Yacoub procedure to treat giant pulmonary artery aneurysm.

Eur Heart J. 2017;38:3393-3394

PMID: 27694192

108) **Ferrari E**, Franciosi G, Clivio S, Faletta F, Moccetti M, Moccetti T, Pedrazzini  
G, Demertzis S.

Stent valve implantation in conventional redo aortic valve surgery to prevent patient-

prosthesis mismatch.

Interact Cardiovasc Thorac Surg. 2017;24:319-323

PMID: 28040758

109) Tozzi P, Hayoz D, Antona C, Fiore GB, Siniscalchi G, **Ferrari E**, Baeriswyl G, Vismara R.

Mastering mitral leaflets coaptation after valve repair with adjustable annuloplasty ring: prove of concept in mock loop study.

ASAIO J. 2017;63:168-173

PMID: 27861426

110) Noble S, Stortecky S, Heg D, Tuller D, Jeger R, Toggweiler S, **Ferrari E**, Nietlispach F, Taramasso M, Maisano F, Grünenfelder J, Jüni P, Huber C, Carrel T, Windecker S, Wenaweser P, Roffi M.

Comparison of procedural and clinical outcomes with Evolut R versus Medtronic CoreValve: a Swiss TAVI registry analysis.

EuroIntervention. 2017;12:e2170-e2176

PMID: 28067197

111) **Ferrari E**, Demertzis S, Angelella J, Berdajs D, Tozzi P, Moccetti T, Maisano F, von Segesser LK.

Apical closure device for full-percutaneous transapical valve implantation: stress-test in an animal model.

Interact Cardiovasc Thorac Surg. 2017;24:721-726

PMID: 28329078

112) Gallo M, Demertzis S, Gerosa G, **Ferrari E**.

Leaflet ipomobility after transcatheter aortic valve replacement: thrombosis or mechanical factors? A possible pathophysiologic pattern.

J Heart Valve Dis. 2017;26:9-11

PMID: 28544825

113) Berdajs D, Mosbahi S, **Ferrari E**, Charbonnier D, von Segesser LK.

Aortic valve pathology as predictive factor for acute aortic dissection.

Ann Thorac Surg. 2017;104:1340-1348

PMID: 28587739

114) Caporali E, Pedrazzini G, Demertzis S, **Ferrari E**.

Transcatheter aortic valve implantation for recurrent Valsalva sinus re-dissection and severe aortic regurgitation shortly after surgery for type-A aortic dissection.

Interact Cardiovasc Thorac Surg. 2017;25:839-841

PMID: 28535198

115) **Ferrari E**, Roduit C, Salamin P, Caporali E, Demertzis S, Tozzi P, Berdajs D, von Segesser LK.

Rapid-deployment aortic valve replacement vs standard bioprosthesis implantation.

J Card Surg. 2017;32:322-327

PMID: 28493342

116) Putzu A, Gallo M, Martino EA, **Ferrari E**, Pedrazzini G, Moccetti T, Landoni G, Cassina T.

Coronary artery bypass graft surgery versus percutaneous coronary intervention with drug-eluting stents for left main coronary artery disease: a meta-analysis of randomized trials.

Int J Cardiol. 2017;241:142-148

PMID: 28438354

117) **Ferrari E**, Eeckhout E, Keller S, Muller O, Tozzi P, Berdajs D, von Segesser LK.

Transfemoral versus transapical approach for transcatheter aortic valve implantation: hospital outcome and risk factor analysis.

J Cardiothorac Surg. 2017;12:78

PMID: 28874169

118) Fournier S, Monney P, Roguelov C, **Ferrari E**, Eeckhout E, Muller O, Durko A, Van Mieghem NM, Kappetein AP, Margey R.

How should I treat an Edwards SAPIEN 3 aortic valve embolisation during a transaortic transcatheter aortic valve implantation?

EuroIntervention. 2017;13:495-498

PMID: 28735254

119) Pedrazzini GB, **Ferrari E**, Zellweger M, Genoni M.

Heart-Team: joint position of the Swiss society of cardiology and the Swiss society of cardiac surgery.

Thorac Cardiovasc Surg. 2017; 65:519-523

PMID: 28922674

120) Yoon SH, Schmidt T, Bleiziffer S, Schofer N, Fiorina C, Munoz-Garcia AJ, Yzeiraj E, Amat-Santos IJ, Tchetché D, Jung C, Fujita B, Mangieri A, Deutsch MA, Ubben T, Deuschl F, Kuwata S, De Biase C, Williams T, Dhoble A, Kim WK, **Ferrari E**, Barbanti M, Vollema EM, Miceli A, Giannini C, Attizzani GF, Kong WKF, Gutierrez-Ibanes E, Jimenez Diaz VA, Wijeyesundera HC, Kaneko H, Chakravarty T, Makar M, Sievert H, Hengstenberg C, Prendergast BD, Vincent F, Abdel-Wahab M, Nombela-Franco L, Silaschi M, Tarantini G, Butter C, Ensminger SM, Hildick-Smith D, Petronio AS, Yin WH, De Marco F, Testa L, Van Mieghem NM, Whisenant BK, Kuck KH, Colombo A, Kar S, Moris C, Delgado V, Maisano F, Nietlispach F, Mack MJ, Schofer J, Schaefer U, Bax JJ, Frerker C, Latib A, Makkar RR.

Transcatheter aortic valve replacement in pure native aortic valve regurgitation. *J Am Coll Cardiol*. 2017;70:2752-2763.

**PMID: 29191323**

121) Pilgrim T, Franzone A, Stortecky S, Nietlispach F, Haynes AG, Tueller D, Toggweiler S, Müller O, **Ferrari E**, Noble S, Maisano F, Jeger R, Roffi M, Grünenfelder J, Huber C, Wenaweser P, Windecker S.

Predicting mortality after transcatheter aortic valve replacement: external validation of the transcatheter valve therapy registry model.

*Circ Cardiovasc Interv*. 2017 Nov;10(11). pii: e005481. doi: 10.1161/CIRCINTERVENTIONS.117.005481.

**PMID: 29127116**

## 2018 (128)

122) Wang C, Regar E, Lachat M, von Segesser LK, Maisano F, **Ferrari E**. Endovascular treatment of non-dissected ascending aorta disease: a systematic review.

*Eur J Cardiothorac Surg*. 2018;53:317-324

**PMID: 28958041**

123) Gallo M, Putzu A, Conti M, Pedrazzini G, Demertzis S, **Ferrari E**.

Embolic protection devices for transcatheter aortic valve replacement.

*Eur J Cardiothorac Surg*. 2018;53:1118-1126

**PMID: 29253108**

124) Wang C, Lachat M, Regar E, von Segesser LK, Maisano F, **Ferrari E**.  
Suitability of the porcine aortic model for transcatheter aortic root repair.  
Interact Cardiovasc Thorac Surg. 2018;26:1002-1008  
**PMID: 29415164**

125) **Ferrari E**, Biasco L, Faletra F, Banai S, Cheung A, Moccetti M, Pedrazzini G,  
Demertzis S, Moccetti T.  
Tiara valve implantation in a patient with previously implanted mono-disk  
mechanical aortic prosthesis.  
Semin Thorac Cardiovasc Surg. 2018;30:160-163  
**PMID: 29518534**

126) **Ferrari E**, Caporali E, Pedrazzini G, Demertzis S.  
Trans-carotid access for TAVR allows safe and rapid exchange for bailout valve-in-  
valve procedures.  
J Card Surg. 2018;33:4-6  
**PMID: 29377318**

127) Tozzi P, Siniscalchi G, **Ferrari E**, Kirsch M, Hayoz D.  
Percutaneous increase of mitral leaflet coaptation length after mitral valve repair:  
results from a preclinical study.  
Interact Cardiovasc Thorac Surg. 2018;26:681-686  
**PMID: 29244156**

128) Bleiziffer S, Erlebach M, Simonato M, Pibarot P, Webb J, Capek L, Windecker  
S, George I, Sinning JM, Horlick E, Napodano M, Holzhey DM, Petursson P, Cerillo  
A, Bonaros N, **Ferrari E**, Cohen MG, Baquero G, Jones TL, Kalra A, Reardon MJ,  
Chhatriwalla A, Gama-Ribeiro V, Alnasser S, Van Mieghem NM, Rustenbach CJ,  
Schofer J, Garcia S, Zeus T, Champagnac D, Bekerredjian R, Kornowski R, Lange R,  
Dvir D.  
Incidence, Predictors and Clinical Outcomes of Residual Stenosis after Aortic Valve-  
in-Valve.  
Heart. 2018;104:828-834  
**PMID: 29352008**

129) Berdajs D, Mosbahi S, Charbonnier D, **Ferrari E**, von Segesser LK.  
Impact of the bicuspid aortic valve on aortic root hemodynamics: three-dimensional

computed fluid dynamics simulation.

Interact Cardiovasc Thorac Surg. 2018;27:446-454

PMID: 29579303

130) Putzu A, **Ferrari E**, Gallo M, Cassina T, Landoni G.

Randomized Evidence on Perioperative Statin Therapy in Cardiac Surgery.

Ann Thorac Surg. 2018;105:665-666

PMID: 29362180

131) **Ferrari E**, von Segesser LK, Berdajs D, Muller L, Halbe M, Maisano F.

Clinical experience in minimally invasive cardiac surgery with virtually wall-less venous cannulas.

Innovations. 2018;13:104-107

PMID: 29677020

132) Berdajs D, Mosbahi S, Eckstein F, Reuthebuch O, Grapow M, **Ferrari E**, von Segesser LK.

Impact of aortic root annuloplasty on 3D aortic root geometry.

J Surg Res. 2018;225:45-53

PMID: 29605034

133) Von Segesser LK, Berdajs D, Abdel-Sayed S, **Ferrari E**, Halbe M, Wilhelm M, Maisano F.

New, optimized, dual lumen cannula for veno-venous ECMO

Perfusion. 2018;33:18-23

PMID: 29788840

134) Guerrero M, Urena M, Himbert D, Wang DD, Eleid M, Kodali S, George I, Chakravarty T, Mathur M, Holzhey D, Pershad A, Fang HK, O'Hair D, Jones N, Mahadevan VS, Dumonteil N, Rodés-Cabau J, Piazza N, **Ferrari E**, Ciaburri D, Nejjari M, DeLago A, Sorajja P, Zahr F, Rajagopal V, Whisenant B, Shah PB, Sinning JM, Witkowski A, Eltchaninoff H, Dvir D, Martin B, Attizzani GF, Gaia D, Nunes NSV, Fassa AA, Kerendi F, Pavlides G, Iyer V, Kaddissi G, Witzke C, Wudel J, Mishkel G, Raybuck B, Wang C, Waksman R, Palacios I, Cribier A, Webb J, Bapat V, Reisman M, Makkar R, Leon M, Rihal C, Vahanian A, O'Neill W, Feldman T. 1-Year Outcomes of Transcatheter Mitral Valve Replacement in Patients with Severe Mitral Annular Calcification.

J Am Coll Cardiol. 2018;71:1841-1853

PMID: 29699609

135) Wahlers TCW, Andreas M, Rahmanian P, Candolfi P, Zemanova B, Giot C, **Ferrari E**, Laufer G.

Outcomes of a rapid deployment aortic valve versus its conventional counterpart: a propensity-matched analysis.

Innovations 2018;13:177-183

PMID: 29912142

136) Putzu A, Gallo M, **Ferrari E**, Cassina T, Landoni G.

Statin Therapy before Cardiac Surgery: Neutral or Detrimental Effects?

Anesthesiology. 2018;128:685-686

PMID: 29438254

137) Caporali E, Van Den Berg JC, **Ferrari E**.

Endovascular treatment of complex aortic injuries 40 years after surgery for aortic coarctation.

J Vasc Surg Cases Innov Tech. 2018;4:181

PMID: 29942917

138) Cheung A, Webb J, Schaefer U, Moss R, Deuschl F, Conradi L, Denti P, Latib A, Kiaii B, Bagur R, **Ferrari E**, Moccetti M, Biasco L, Blanke P, Ben-Gal Y, Banai S.

Transcatheter mitral valve replacement in patients with previous aortic valve replacement.

Circ Cardiovasc Interv. 2018; 11(10):e006412. doi:

10.1161/CIRCINTERVENTIONS.118.006412

PMID: 30354628

139) Biasco L, Pedrazzini G, De Backer O, Klersy C, Bellesi L, Presilla S, Badini M, Faletra F, Pasotti E, **Ferrari E**, Demertzis S, Moccetti T, Aviano D, Moccetti M.

Radiological exposure of patients undergoing transcatheter aortic valve implantation in contemporary practice.

J Cardiovasc Med. 2018;19:579-585

PMID: 30045085

140) Biasco L, **Ferrari E**, Pedrazzini G, Faletra F, Moccetti T, Petracca F, Moccetti M.



Access sites for TAVI: patient selection criteria, technical aspects, and outcomes.  
Front. Cardiovasc Med. 2018;5:88

PMID: 30065928

141) Torre T, Leo LA, Demertzis S, **Ferrari E**.  
Giant Left Coronary Artery Aneurysms and Concomitant Coronary Disease.  
Ann Cardiovasc Surg. 2018;1:1005

142) Gallo M, Demertzis S, Torre T, **Ferrari E**.  
Direct surgical transcatheter heart valve implantation in a calcified mitral valve.  
Multimed Man Cardiothorac Surg. 2018;2018. doi: 10.1510/mmcts.2018.053.

PMID: 30285323

## 2019 (138)

143) **Ferrari E**, Piazza G, Scoglio M, Berdajs D, Tozzi P, Maisano F, von Segesser LK.

Suitability of 3D-printed root models for the development of transcatheter aortic root repair technologies.

ASAIO J. 2019;65:874-881

PMID: 30325848

144) Conti M, Vandenberghe S, Marconi S, **Ferrari E**, Romarowski RM, Morganti S, Auricchio F, Demertzis S.

Reversed auxiliary flow to reduce embolism risk during TAVI: a computational simulation and experimental study.

Cardiovasc Eng Technol. 2019;10:124-135

PMID: 30341729

145) Mosbahi S, Stak D, Gravestock I, Burgstaller JM, Steurer J, Eckstein F, **Ferrari E**, Berdajs DA.

A systemic review and meta-analysis: Bentall versus David procedure in acute type A aortic dissection.

Eur J Cardiothorac Surg. 2019;55:201-209

PMID: 30084969

146) Stortecky S, Franzone A, Heg D, Tueller D, Noble S, Jeger R, Toggweiler S,

**Ferrari E**, Nietlispach F, Taramasso M, Maisano F, Grünenfelder J, Muller O, Huber C, Roffi M, Carrel T, Wenaweser P, Windecker S.

Temporal trends in adoption and outcomes of transcatheter aortic valve implantation: a SwissTAVI Registry analysis.

Eur Heart J Qual Care Clin Outcomes. 2019;5:242-251

**PMID: 30304513**

147) **Ferrari E**, Stortecky S, Heg D, Muller O, Nietlispach F, Tueller D, Toggweiler S, Noble S, Maisano F, Roffi M, Jeger R, Grünenfelder J, Huber C, Windecker S, Wenaweser P.

The hospital results and 1-year outcomes of transcatheter aortic valve-in-valve procedures and transcatheter aortic valve implantations in native valves: results from the Swiss-TAVI Registry.

Eur J Cardiothorac Surg. 2019;56:55-63

**PMID: 30689870**

148) Hong N, Lu Y, Hu H, Sun J, Sun K, von Segesser LK, Berdajs D, Chen S, **Ferrari E**.

Self-expanding apical closure device for full-percutaneous closed-chest transapical valve procedures with large-sized introducer sheaths: first study in an animal model.

Interact Cardiovasc Thorac Surg. 2019;29:793-799

**PMID: 31369123**

149) Caporali E, Bonato R, Klersy C, **Ferrari E**.

Hemodynamic performance and clinical outcome of pericardial Perimount Magna and porcine Hancock II valves in aortic position.

J Card Surg. 2019;34:1055-1061

**PMID: 31389647**

150) **Ferrari E**, Gallo M, Wang C, Zhang L, Taramasso M, Maisano F, Pirelli L, Berdajs D, von Segesser LK.

Three-dimensional printing in adult cardiovascular medicine for surgical and transcatheter procedural planning, teaching and technological innovation.

Interact Cardiovasc Thorac Surg. 2019;30:203-214

**PMID: 31633170**

151) Abdel-Sayed S, Abdel-Sayed P, Berdajs D, **Ferrari E**, Halbe M, von Segesser LK, Maisano F.

Effect of blood viscosity on the performance of virtually wall-less venous cannulas.  
Perfusion. 2019 Nov 7:267659119885514. doi: 10.1177/0267659119885514  
PMID: 31696777

152) Cioffi, Paiocchi VL, Leo LA, **Ferrari E**, Faletra FF.  
Capillary Hemangioma of the left ventricle.  
J Cardiovasc Echogr. 2019;29:126-128  
PMID: 31728304

153) Abdel-Sayed S, **Ferrari E**, Abdel-Sayed P, Wilhelm M, Halbe M, von Segesser LK, Maisano F, Berdajs D.  
New bidirectional arterial perfusion device.  
Int J Artif Organs. 2020 Feb 7:391398820901842. doi: 10.1177/0391398820901842  
PMID: 32031047

## 2020 (8 / 146)

154) **Ferrari E**, Scoglio M, Piazza G, Maisano F, von Segesser LK, Berdajs D.  
Transcatheter aortic root replacement with chimney grafts for coronary perfusion: a preliminary test in a three-dimensional-printed root model.  
Interact Cardiovasc Thorac Surg. 2020 Apr 17:ivaa056. doi: 10.1093/icvts/ivaa056.  
PMID: 32303058

155) Biasco L, Cerrato E, Tersalvi G, Pedrazzini G, Wilkins B, Faletra F, **Ferrari E**, Demertzis S, Senatore G, Di Leo A, Varbella F, De Backer O, Nombela Franco L.  
Worldwide survey on clinical and anatomical factors driving the choice of transcatheter aortic valve prostheses.  
Frontiers in Cardiovascular Medicine. 2020;7:38  
PMID: 32266292

156) Berdajs D, von Segesser, Maisano F, Milano G, **Ferrari E**  
Performance characteristics of the new Eurosets magnetically suspended centrifugal pump.  
Perfusion. 2020;  
PMID: accepted

157) **Ferrari E**, Wang C, Berdajs D, von Segesser LK.

Chimney grafts in renal arteries: a clinical model for coronary perfusion in future transcatheter aortic root repair technique.

J Cardiothorac Surg. 2020;

PMID: 32517779

158) Stortecky S, Heg D, Tueller D, Pilgrim T, Muller O, Noble S, Jeger R, Toggweiler S, **Ferrari E**, Taramasso M, Maisano F, Hoeller R, Wenaweser P, Nietlispach F, Widmer A, Huber C, Roffi M, Carrel T, Windecker S, Conen A. Infective endocarditis after transcatheter aortic valve replacement: a nationwide cohort-study.

JACC. 2020;

PMID: accepted

159) Wang C, von Segesser LK, Maisano F, **Ferrari E**

Catheter-based treatment of the dissected ascending aorta: a systematic review.

Eur J Cardiothorac Surg. 2020;

PMID: accepted

160) Lu H, Fournier S, Namasivayam J, Roguelov C, **Ferrari E**, Eechkout E, Monney P, Tozzi P, Marcucci P, Muller O, Mattias K.

Transapical approach versus transcervical approach for transcatheter aortic valve replacement: a retrospective monocentric study.

Interact Cardiovasc Thorac Surg. 2020;

PMID: accepted

161) Miura M, Tagliari AP, Gavazzoni M, Russo G, Pozzoli A, Scianna S, Sromicki J, Savic V, Lin S, Kuwata S, Zuber M, Taramasso M, **Ferrari E**, Maisano F.

Continuous hemodynamic monitoring improves clinical outcomes in transcatheter edge-to-edge mitral valve repair.

EHJ. 2020;

PMID: submitted (FM)

162) Schmiady MO, Hofmann M, Halbe M, Tilburg K, Aser R, Mestres CA, Maisano F, **Ferrari E**.

Initiation of an inter-hospital ECMO transfer program for critically ill COVID-19 patients: bringing ECMO support to peripheral hospitals

Interact Cardiovasc Thorac Surg. 2020;

PMID: accepted

163) Miura M, Ho EC, Tagliari AP, Russo G, Pozzoli A, Gavazzoni M, Scianna S, Sromicki J, Savic V, Kuwata S, Zuber M, Taramasso M, **Ferrari E**, Maisano F. Update on the clinical impact of elevated mitral valve pressure gradient in patients undergoing transcatheter edge-to-edge mitral valve repair. JACC. 2020; PMID: submitted (MM)

164) Miura M, Tagliari AP, Ho E, Russo G, Pozzoli A, Gavazzoni M, Scianna S, Sromicki L, Savic V, Kuwata S, Züber M, Taramasso M, **Ferrari E**, Maisano F. Mitral valve pressure gradient in patients undergoing MitraClip: is 5mmHg the acceptable threshold? JACC. 2020; PMID: submitted (MM)

165) Torre T, **Ferrari E**, Toto F, Gallo M, Surace G, Theologou T, Franciosi G, Demertzis S. 19-year experience with skeletonized bilateral internal thoracic artery for coronary bypass grafting: long-term outcome and risk factors analysis. Eur J Cardiothorac Surg. 2020; PMID: submitted (TT)

166) Conti M, Romarowski RM, Ferrarini A, Stochino M, Auricchio F, Morganti S, von Segesser LK, **Ferrari E**. Patient-specific computational fluid dynamics analysis of transcatheter aortic root replacement with chimney coronary grafts. Eur J Cardiothorac Surg. 2020; PMID: submitted (EF)

167) Gavazzoni M, Zuber M, Voci D, Taramasso M, Pozzoli A, Miura M, **Ferrari E**, Maisano F. Invasive validation and clinical correlates of the echocardiographic assessment of left atrial pressure after MitraClip implantation JACC. 2020; PMID: submitted (MG)

Updated on June 2020.