

INFORMAZIONI PERSONALI



Dr. Fabio Zucchetta

U.O. di Chirurgia Cardiovascolare
Maria Cecilia Hospital GVM Care & Research
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ESPERIENZA PROFESSIONALE

Da Agosto 2018

- Specialista in cardiocirurgia
- Maria Cecilia Hospital, servizio di cardiocirurgia, Cotignola (**Ravenna**), Via Madonna di Genova, 1, 48033, telefono 0545 217111

Da Agosto 2017 a Luglio 2018

- Specialista in cardiocirurgia; medico di terapia intensiva
- Salus Hospital, servizio di cardiologia/cardiocirurgia/terapia intensiva postoperatoria, **Reggio Emilia**, Via Ulderico Levi 7, 42123, telefono 0522 499111

Da Novembre 2016 ad Agosto 2017

- Specializzando in cardiocirurgia e chirurgia vascolare (FFI – faisant fonction interne)
- Service de Chirurgie Cardiovasculaire, Hôpital Cardiologique de Haut Lévêque (**Bordeaux** University Hospital), 33604, Pessac, France, telefono +33 557656437, +33 625783998

Da Luglio 2012 a Luglio 2017

- Specializzazione in cardiocirurgia
- Unità di cardiocirurgia e cardiocirurgia pediatrica dell'Università di **Padova**, Via Giustiniani, 2, 35127 Padova, Italy, Phone +39 0498212410, Fax +39 0498212409

ASSOCIAZIONI

- SICCH - Società Italiana di Chirurgia Cardiaca
- EACTS - European Association for Cardiothoracic Surgery
- CTSNet

ISTRUZIONE E FORMAZIONE

Luglio 2017: specializzazione in cardiocirurgia presso l'Università di **Padova** (110/110 cum laude)

Marzo-Maggio 2015: Structural Heart Disease (cardiovascular Imaging) Fellowship con ricostruzione iconografia cardiaca 3D/4D, 3D heart-modelling, cardiac fusion imaging (ecocardiografia, TAC, angiografia cardiaca e vascolare) applicata a procedure transcateretere e di

cardiochirurgia, attività di Heart Team. Sede: *Lenox Hill Heart And Vascular Institute of New York*, 130 East 77th street, **New York**, NY.

Marzo 2012 (sessione II del 2011): abilitazione alla professione medico-chirurgica ed iscrizione all'albo dei medici e chirurghi di **Padova**

Settembre 2011: Laurea in Medicina e Chirurgia presso l'Università di **Padova** (110/110 cum laude)

Marzo-Giugno 2011: triplice fellowship cardiologica-chirurgica presso il *Columbia University Medical Centre: College Of Physicians and Surgeons*, 116th street and Broadway, **New York**, NY

- 1) Cardiac Care Advanced Clerkship: Cardiac Intensive Care and Step-down (St. Luke's Hospital, New York, NY)
- 2) Clinical Cardiology Elective (Harlem Hospital, New York, NY)
- 3) Cardiothoracic surgery preceptorship (Roosevelt Hospital, new York, NY)

COMPETENZE PERSONALI

Lingua Madre *Italiano*

Altre lingue *Inglese*

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	C1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Francese

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
C1	C1	C1	C1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Competenze digitali:

- Ottima padronanza di sistemi Microsoft Office™ (Word™, Excel™ and PowerPoint™) e di piattaforme di ricerche online
- Esperienza di software di grafica e di movie editor software come Adobe Photoshop e Adobe Premiere.
- Esperienza di modeling e di ricostruzione di immagini 3D/4D-modeling derivanti da TAC, angiografia ed ecocardiografia (TeraRecon and Aquarius Workstation, Vitrea workstation, Philips HeartNavigator).

PUBBLICAZIONI SCIENTIFICHE

1. One-Year Outcomes After Transapical Echocardiography-Guided Mitral Valve Repair. Colli A, Manzan E, Besola L, Bizzotto E, Fiocco A, **Zucchetta F**, Bagozzi L, Bellu R, Denas G, Pittarello D, Gerosa G. *Circulation*. 2018;138:843–845. DOI: 10.1161/CIRCULATIONAHA.118.033509

2. Learning curve analysis of transapical NeoChord mitral valve repair. Colli A, Bagozzi L, Banchelli F, Besola L, Bizzotto E, Pradegan N, Fiocco A, Manzan E, **Zucchetta F**, Bellu R, Pittarello D, Gerosa G. *Eur J Cardiothorac Surg*. 2018 Aug 1;54(2):273-280.
3. Prognostic impact of leaflet-to-annulus index in patients treated with transapical off-pump echo-guided mitral valve repair with NeoChord implantation. Colli A, Besola L, Montagner M, Azzolina D, Soriani N, Manzan E, Bizzotto E, **Zucchetta F**, Bellu R, Pittarello D, Gerosa G. *Int J Cardiol*. 2018 Apr 15;257:235-2
4. Acute intraoperative echocardiographic changes after transapical off-pump mitral valve repair with NeoChord implantation. Colli A, Besola L, Montagner M, Soriani N, Manzan E, Bizzotto E, **Zucchetta F**, Azzolina D, Bellu R, Sarais C, Pittarello D, Gerosa G. *Int J Cardiol*. 2018 Apr 15;257:230-234
5. The natural history and surgical outcome of patients with scimitar syndrome: a multi-centre European study. Vida VL, Guariento A, Milanesi O, Gregori D, Stellin G; **Scimitar Syndrome Study Group**. *Eur Heart J*. 2018 Mar 21;39(12):1002-101
6. CT for the Transapical Off-Pump Mitral Valve Repair With Neochord Implantation Procedure. Colli A, **Zucchetta F**, Kliger C, Bellu R, Francone M, Sedati P, Jelmin V, Ruiz CE, Manzan E, Besola L, Bizzotto E, Gerosa G. *JACC Cardiovasc Imaging*. 2017 Nov;10(11):1397-1400
7. The Complete Reference for Scimitar Syndrome: Anatomy, Epidemiology, Diagnosis and Treatment. Vida VL, **Zucchetta F**. as co-editor, co-author, and surgical vignette designer; Elsevier 2017, ISBN: 978-0-12-810406-4
8. TCT-42 Transcatheter echo guided Mitral Valve Repair with Neochord Implantation for posterior leaflet disease: Results from Neochord Independent International Registry. Colli A, Besola L, Bizzotto E, Manzan E, **Zucchetta F**, Pittarello D, Rucinkas K, Aidietis A, Janauskas V, Zakarkaite D, Drasutiene A, Gibson D, Danner B, Sievert H, Kurnicka K, Wrobel K, Salizzoni S, Rinaldi M, Wrobel K, Savini C, Pacini D, Cefarelli M, Gerosa G. *J Am Coll Cardiol*. 2016 Nov 1;68(18S):B17-B18
9. First-In-Human of Catheter Delivered Annuloplasty Ring to treat functional mitral regurgitation. Gino Gerosa G, Besola L, Manzan E, Bizzotto E, **Zucchetta F**, Pittarello D, Tarantini G, Meerkin D, Colli A. *JACC Cardiovasc Interv*. 2016 Nov 14;9(21):e211-e213.
10. Porcine intestinal submucosa (Cormatrix) for semilunar valve repair in children: a word of caution after midterm results. Padalino MA, Castaldi B, Fedrigo M, Gallo M, **Zucchetta F**, Vida VL, Milanesi O, Angelini A, Stellin G. *Semin Thorac Cardiovasc Surg*. 2016 Summer;28(2):436-445
11. The importance of the leaflet-to-annular mismatch index for patients undergoing echo guided transapical off-pump mitral valve repair with neochord implantation Colli A, Montagner M, Azzolina D; Soriani N; Besola L; Manzan E; Bizzotto E; **Zucchetta F**; Bellu R; Pittarello D; Gerosa G. *J Am Coll Cardiol*. 2016; 67(13_S):1792-1792. Doi: 10.1016/S0735-1097(16)31793-4
12. One-year clinical results of the echo guided transapical mitral valve repair with neochord implantation. Colli A; Bizzotto E; Besola L; Manzan E; **Zucchetta F**; Bellu R; Sarais C; Bagozzi L; Montagner M; Pittarello D; Gregori D; Gerosa G. *J Am Coll Cardiol*. 2016; 67(13_S):2192-2192. doi: 10.1016/S0735-1097(16)32193-3
13. Pulmonary valve-sparing techniques during repair of tetralogy of Fallot: The delamination plasty. Vida VL, **Zucchetta F**, Stellin G. *J Thorac Cardiovasc Surg*. 2016 Jun;151(6):1757-8. doi: 10.1016/j.jtcvs.2016.02.015
14. Preservation of the Pulmonary Valve During Early Repair of Tetralogy of Fallot: Surgical Techniques. Vida VL, Guariento A, **Zucchetta F**, Padalino M, Castaldi B, Milanesi O, Stellin G. *Semin Thorac Cardiovasc Surg Pediatr Card Surg Annu*. 2016;19(1):75-81. doi: 10.1053/j.pcsu.2015.12.008
15. Transapical off-pump mitral valve repair with Neochord implantation: Early clinical results. Colli A, Manzan E, **Zucchetta F**, Bizzotto E, Besola L, Bagozzi L, Bellu R, Sarais C, Pittarello D, Gerosa G. *Int J Cardiol*. 2016 Feb 1;204:23-8. doi: 10.1016/j.ijcard.2015.11.131. Epub 2015 Nov 23.

16. Use of computed tomography to guide mitral interventions. Jelnin V, Kliger C, **Zucchetta F**, Ruiz E.C. *Interventional Cardiology Clinics* October 2015; 5(1):33-43. DOI: 10.1016/j.iccl.2015.08.003
17. Combined Surgical and Interventional Approaches for Treating Patients with Congenital Heart Disease. Vida VL, Guariento A, **Zucchetta F**, Padalino MA, Milanese O, Maschietto N, Stellan G. *J Card Surg.* 2015 Sep;30(9):719-23. doi: 10.1111/jocs.12595. Epub 2015 Jul 14.
18. Long term survival after aortic valve replacement: role of European and American guidelines adherence. Colli A, Bizzotto E, Besola L.; Gregori D, Manzan E, **Zucchetta F**, Gerosa G. *European Heart Journal* Volume: 36 Supplement: 1 Pages: 789-789 Meeting Abstract: P4568. Published:AUG 1 2015
19. Transapical off-pump mitral valve repair with Neochord Implantation (TOP-MINI): step-by-step guide. Colli A, **Zucchetta F**, Torregrossa G, Manzan E, Bizzotto E, Besola L, Bellu R, Sarais C, Pittarello D, Gerosa G. *Ann Cardiothorac Surg.* 2015 May;4(3):295-7. doi: 10.3978/j.issn.2225-319X.2015.05.01
20. One-stage off-pump transapical mitral valve repair and aortic valve replacement. Gerosa G, D'Onofrio A, Manzan E, Besola L, Bizzotto E, **Zucchetta F**, Tarantini G, Pittarello D, Colli A. *Circulation.* 2015 May 12;131(19): e430-4. doi: 10.1161/CIRCULATIONAHA.114.014023
21. Trans-apical Off-pump Mitral Valve Repair With Neochords Implantation: One Year Clinical and Echocardiographic Follow-up. Andrea Colli, Laura Besola, Lorenzo Bagozzi, Erica Manzan, Eleonora Bizzotto, Fabio Zucchetta, Roberto Bellu, Cristiano Sarais, Demetrio Pittarello, and Gino Gerosa. *Circulation.* 2015;132:A19622
22. The TRIBECA study: (TRI)fecta (B)ioprosthesi (E)valuation versus (C)arpentier Magna-Ease in (A)ortic position. Colli A, Marchetto G, Salizzoni S, Rinaldi M, Di Marco L, Pacini D, Di Bartolomeo R, Nicolini F, Gherli T, Agrifoglio M, Borghetti V, Khoury G, De Paolis M, Zoffoli G, Mangino D, Amorim MJ, Manzan E, **Zucchetta F**, Balduzzi S, Gerosa G. *Eur J Cardiothorac Surg.* 2016 Feb;49(2):478-85. doi: 10.1093/ejcts/ezv070. Epub 2015 Mar 13.
23. Acute safety and efficacy of the Neochord procedure. Colli A, Manzan E, Rucinkas K, Janauskas V, **Zucchetta F**, Zararkaite D, Aidietis A, gerosa G. *Interact CardioVasc Thorac Surg* 2015; doi:10.1093/icvts/ivv014.
24. Changes in mitral annular geometry and cardiac function after transapical off-pump mitral valve repair with neochord implantation. Colli A, Manzan E, Zucchetta F; Bizzotto E; Besola L; Sarais C; Pittarello D; Bellu R; Gerosa G. *J Am Coll Cardiol.* 2015; 65(10_S) doi: 10.1016/S0735-1097(15)62018-6
25. Safety, Feasibility And Efficacy Of Transapical Off-Pump Mitral Valve Repair With Neochord Implantation. Colli A, Manzan E, **Zucchetta F** et al. *Journal Of The American College Of Cardiology* Volume: 64 Issue: 11 Supplement: S Pages: B234-B235 Meeting Abstract: TCT-801 Published: SEP 16 2014.
26. SynCardia: the total artificial heart. Torregrossa G, Anyanwu A, **Zucchetta F**, Gerosa G. *Ann Cardiothorac Surg* 2014;3(6):612-620.
27. The Jarvik-2000 ventricular assist device implantation: how we do it. **Zucchetta F**, Tarzia V, Bottio T, Gerosa G. *Ann Cardiothorac Surg* 2014;3(5):525-531
28. Feasibility of Anterior Mitral Leaflet Flail Repair With Transapical Beating-Heart Neochord Implantation. Colli A, Manzan E, **Zucchetta F**, Sarais C, Pittarello D, Gerosa G. *JACC Cardiovasc Interv.* 2014 Oct 6.
29. TEE-guided transapical beating-heart neochord implantation in mitral regurgitation. Colli A, Manzan E, **Fabio FZ**, Sarais C, Pittarello D, Speziali G, Gerosa G. *JACC Cardiovasc Imaging.* 2014 Mar;7(3):322-3.
30. Simultaneous transapical aortic and mitral valve-in-valve implantation for double prostheses dysfunction: case report and technical insights. D'Onofrio A, **Zucchetta F**, Gerosa G. *Catheter Cardiovasc Interv.* 2014 Sep 1;84(3):509-12.

31. Pulmonary valve-sparing technique in patient with tetralogy of Fallot and anomalous coronary artery crossing the infundibulum. Vida VL, **Zucchetta F**, Padalino MA, Milanese O, Stellin G. J Heart Valve Dis. 2013 May;22(3):425-7.
32. Pulmonary artery branch stenosis in patients with congenital heart disease. Vida VL, Rito ML, **Zucchetta F**, Biffanti R, Padalino MA, Milanese O, Stellin G. J Card Surg. 2013 Jul;28(4):439-45.
33. The evolution of the right anterolateral thoracotomy technique for correction of atrial septal defects: cosmetic and functional results in prepubescent patients. Vida VL, Tessari C, Fabozzo A, Padalino MA, Barzon E, **Zucchetta F**, Boccuzzo G, Stellin G. Ann Thorac Surg. 2013 Jan;95(1):242-7.
34. Impianto valvolare aortico transcateretere con approccio transapicale. D'Onofrio A., Colli A., Besola L., Gerosa G., in the "La stenosi valvolare aortica calcifica" textbook (CLEUP 2014) as figure designer