

PERSONAL INFORMATION

Filippo Benassi



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Sex Male | Date of birth 04/12/1978 | Nationality Italian

WORK EXPERIENCE

<i>From 1.04.2012 to current data</i>	Cardiac Surgeon at Azienda Ospedaliero-Universitaria di Parma
<i>From 1.11.2008 to 31.03.2012</i>	Cardiac Surgeon at Hesperia Hospital - Modena
<i>From 1.05.2007 to 31.10.2007</i>	Fellowship at Cardiac Surgery Department – Universidade Federal de Sao Paulo - Brasil
<i>From 1.11.2005 to 31.10.2006</i>	Fellowship at Cardiac Surgery Department – IRCCS Policlinico San Donato Milanese
<i>From 1.08.2005 to 1.10.2005</i>	Visiting Surgeon at Texas Heart Institute – Baylor College of Medicine – Houston USA
<i>From 1.01.2002 to 1.06.2008</i>	Cardiac Surgery volunteer at Villa Salus Hospital – Reggio Emilia

EDUCATION AND TRAINING

<i>From 2003 to 2008</i>	Cardiac Surgery Residency at Hesperia Hospital- Dip. Emergenza Urgenza Università degli Studi di Modena e Reggio Emilia – Facoltà di Medicina e Chirurgia
<i>From 1997-8 To 2002-3</i>	Medical Degree at Università degli Studi di Modena e Reggio Emilia – Facoltà di Medicina e Chirurgia
<i>From 1992 - 1997</i>	Maturità Classica at Liceo Classico G.Pico – Mirandola (MO)

PERSONAL SKILLS

Mother tongue(s) Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	WRITING
English	B1	B1	C2	C1	C2

Portuguese		B1	B2	B2	B1	B1
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Communication skills Good communication skills developed during the years of residency, the international experience and and through educational activities carried out since 2006.

Organisational / managerial skills Excellent ability to work in a team, acquired from the national and international experience in the field of welfare, in which is essential the strong collaboration between the various medical professions. I like to work in a team in which anyone has the same scope... the wellness of our patients.

Job-related skills During several years dedicated to cardiovascular patients i devoleped several skills.

- Management of several critical ill patients in ICU with proved skill in echo guided central venous insertion.
- Management and insertion of IABP
- Performed more than 10000 echocardiogram and vascular doppler ultrasound. Both preoperative and post-operative evaluation.
- Managemenet of an echocardiogram and vascular doppler for out patients visit
 - Good skills for the management of minimally invasive cardiac surgery (aortic and mitral valve)
 - Having many different skills I'm a very versatile phisician with skill ranging from Cardiac ICU, echocardiogram and vascular doppler, cardiad and vascular surgery

Computer skills good command of Microsoft Office™, and MacOS™ tools

Driving licence

- A
- B

PUBLICATIONS AND PRESENTATIONS

Carino D, Agostinelli A, Molardi A, **BENASSI F**, Gherli T, Nicolini F.
The role of genetic testing in the prevention of acute aortic dissection.
Eur J Prev Cardiol. 2018 Jun;25(1_suppl):15-23. doi: 10.1177/2047487318756433. PMID: 29708033 Review.

Nicolini F, Vezzani A, Corradi F, Gherli R, **BENASSI F**, Manca T, Gherli T.
Gender differences in outcomes after aortic aneurysm surgery should foster further research to improve screening and prevention programmes.
Eur J Prev Cardiol. 2018 Jun;25(1_suppl):32-41. doi: 10.1177/2047487318759121.
PMID: 29708035 Review.

Di Mauro M, Foschi M, Dato GMA, Centofanti P, Barili F, Corte AD, Ratta ED, Cugola D, Galletti L, Santini F, Salsano A, Rinaldi M, Mancuso S, Cappabianca G, Beghi C, De Vincentiis C, Biondi A, Livi U, Sponga S, Pacini D, Murana G, Scrofani R, Antona C, Cagnoni G, Nicolini F, **BENASSI F**, De Bonis M, Pozzoli A, Casali G, Scrascia G, Falchetta G, Bortolotti U, Musumeci F, Gherli R, Vizzardi E, Salvador L, Picichè M, Paparella D, Margari V, Troise G, Villa E, Dossena Y, Lucarelli C, Onorati F, Faggian G, Mariscalco G, Maselli D, Parolari A, Lorusso R; Italian Group of Research for Outcome in Cardiac Surgery (GIROC).
Surgical treatment of isolated tricuspid valve infective endocarditis: 25-year results from a multicenter registry.
Int J Cardiol. 2019 Oct 1;292:62-67. doi: 10.1016/j.ijcard.2019.05.020. Epub 2019 May 7.
PMID: 31130281

Della Corte A, Di Mauro M, Actis Dato G, Barili F, Cugola D, Gelsomino S, Santè P, Carozza A, Della Ratta E, Galletti L, Devotini R, Casabona R, Santini F, Salsano A, Scrofani R, Antona C, De Vincentiis C, Biondi A, Beghi C, Cappabianca G, De Bonis M, Pozzoli A, Nicolini F, **BENASSI F**, Pacini D, Di Bartolomeo R, De Martino A, Bortolotti U, Lorusso R, Vizzardi E, Di Giammarco G, Marinelli D, Villa E, Troise G, Paparella D, Margari V, Tritto F, Damiani G, Scrascia G, Zaccaria S, Renzulli A, Serraino G, Mariscalco G, Maselli D, Parolari A, Nappi G.
Surgery for prosthetic valve endocarditis: a retrospective study of a national registry.
Eur J Cardiothorac Surg. 2017 Jul 1;52(1):105-111. doi: 10.1093/ejcts/ezx045. PMID: 28329161 Clinical Trial.

Nicolini F, Agostinelli A, Vezzani A, **BENASSI F**, Gherli T.
CABG versus PCI in the treatment of diabetic patients affected by coronary artery disease.
Int Heart J. 2014;55(6):469-73. doi: 10.1536/ihj.14-061. Epub 2014 Oct 7. PMID: 25297505 Free article. Review.

Nicolini F, Agostinelli A, Spaggiari I, Vezzani A, **BENASSI F**, Maestri F, Gherli T.
Current trends in surgical revascularization of multivessel coronary artery disease with arterial grafts.
Int Heart J. 2014;55(5):381-5. doi: 10.1536/ihj.14-010. Epub 2014 Jul 28. PMID: 25070117 Free article. Review.

Nicolini F, Agostinelli A, Vezzani A, Manca T, **BENASSI F**, Molardi A, Gherli T.
The evolution of cardiovascular surgery in elderly patient: a review of current options and outcomes.
Biomed Res Int. 2014;2014:736298. doi: 10.1155/2014/736298. Epub 2014 Apr 10. PMID: 24812629
Free PMC article. Review.

Molardi A, **BENASSI F**, Manca T, Ramelli A, Vezzani A, Nicolini F, Romano G, Ricci M, Carino D, Di Chicco MV, Gherli T
Parma tracheostomy technique: a hybrid approach to tracheostomy between classical surgical and percutaneous tracheostomies. J Thorac Dis. 2016 Dec;8(12):3633-3638. doi: 10.21037/jtd.2016.12.100.
PMID: 28149558

Stefanelli G, Pirro F, **BENASSI F.**, Longo M, D'Anniballe G, Labia C (2009). CHANGING STRATEGIES FOR SURGICAL LEFT VENTRICULAR RESTORATION IN ISCHAEMIC CARDIOMYOPATHY. In: XXIII EACTS Annual meeting in Vienna. Vienna , 17-21 Ottobre 2009, vol. 9, p. S105-

Massarenti L, **BENASSI F.**, Gallerano A, Stefanelli G (2009). Papillary fibroelastoma of the tricuspid anterior leaflet. JOURNAL OF CARDIOVASCULAR MEDICINE, vol. 10; p. 933-935, ISSN: 1558-2027

Stefanelli G, **BENASSI F.** (2009). RATIONALE FOR EXTENDED USE OF PERICARDIAL PURE STENTLESS AORTIC XENOGRAFTS: EARLY OUTCOME AND MEDIUM-TERM RESULTS AFTER 200 CONSECUTIVE IMPLANTS. In: Abstracts of the 5th Congress of Update in Cardiology and Cardiovascular Surgery (UCCS). Antalya - Turchia, 24-28 Settembre 2009, vol. 12

Longo M, **BENASSI F.**, Pirro F, Cimato P, Corsi C, Pierangeli A, Stefanelli G, Ghidoni I IMPACT OF RISKS FACTORS AND SURGICAL APPROACHES ON NEUROLOGIC DEFICIT AND EARLY MORTALITY IN ACUTE TYPE A AORTIC DISSECTION SURGERY. In: Book of abstracts - XXIV Italian Society Congress of Cardiac Surgery . Roma , 8- 11 Novembre 2008

BENASSI F., Cimato P, Scapinelli M, Maletti O (2008). Ascending aorta ectasia associated with an aberrant right subclavian artery: a rare finding. In: Heart Surgery Forum Supplement-WSCTS congress. KOS, Greece April 30 – May 3, 2008, vol. 11

Cocconcetti F, **BENASSI F.**, Luseti L, Scapinelli M, Rinaldi S, Parravicini R (2004). "Surgical management of primary angiosarcoma diagnosed as a cardiac mixoma: a case report". In: Abstracts book XXII Italian Society Congress of Cardiac Surgery . Bologna, Novembre 6/9

Memberships

Member of Società Italiana di Ecografia CardioVascolare (SIECVI)
Member of the European Society of Cardiac Surgery from 2006 to 2011
2001 Reviewer for the European Journal of Cardio-thoracic Surgery

References

1. Prof. Roberto Parravicini Cardiac Surgery University of Modena and Reggio Emilia
e-mail: roberto.parravicini@libero.it
2. Prof. Enio Buffolo Cirurgia Cardiovascular Universidade Federal de Sao Paulo
Rua Borges Lagoa, 1080 Sao Paulo , brazil e-mail: enio.buffolo@terra.com.br
3. Prof. Jose Honorio Palma Cirurgia Cardiovascular Universidade Federal de Sao Paulo
Rua Borges Lagoa, 1080 Sao Paulo , brazil e-mail: jhpalma@terra.com.br
4. Prof. Lorenzo Menicanti Cardiac Surgery Policlinico San Donato Milanese – Milano
e-mail: lorenzo.menicanti@grupposandonato.it
5. Prof. Oscar Maletti, Chief of Vascular Surgery, International Center of Deep Venous Surgery, Cardiovascular Dept., Hesperia Hospital, Modena, Italy. info@hesperia.it
6. Prof. Guglielmo Stefanelli, chief of Cardiac Surgery , Hesperia Hospital, Modena. Italy. info@hesperia.it
7. Prof. Tiziano Gherli Cardiac Surgery Azienda Ospedaliero-Universitaria di Parma
e-mail: tiziano.gherli@unipr.it

Dr Filippo Benassi Track Record

My career starts soon after I was admitted at Cardiac Surgery Residency at University of Modena and Reggio-Emilia. I started my teaching career by performing lectures to medical and to cardiovascular perfusion technician students. I oversew the drafting of thesis for the degree in Medicine and for the graduation in cardiovascular perfusion techniques. I was co-supervisor of two thesis for the graduation in cardiovascular perfusion techniques at University of Modena and Reggio Emilia under the direction of Prof. Roberto Parravicini: session 2010/2011 "ECMO: nuova apparecchiatura sperimentale. Session 2011/2012 "10 anni di esperienza ECMO: studio retrospettivo monocentrico".

In 2004 I obtained the English First Certificate at Cambridge School of Modena.

During my Residency program I attended different heart surgery center of National and International importance. In 2005 I was as visiting surgeon at Texas Heart Institute – Baylor College of Medicine – Houston. From November 2005 to October 2006 I was as Fellow at Cardiac Surgery Unit – Policlinico San Donato IRCCS. From May 2007 to November 2007 I was as Fellow at Cardiac Surgery Unit at Hospital Sao Paulo – Universidade Federal de Sao Paulo. During my stay in Brasil I had the opportunity to participate to the Master for endovascular treatment of aortic diseases direct by Prof. José Honorio Palma. During that time I participated mainly to pediatric cardiac surgery interventions. I also had the unique opportunity to participate in the development of the first Brazilian device for percutaneous aortic valve replacement (Braille Biomedical). From January 2008 to November 2008 I attended the vascular department of Hesperia Hospital – Modena – under the direction of Prof. O. Maletti with particular interest in endovascular treatment for aorta diseases.

While working on a full time basis, at Cardiac Surgery Department - Hesperia Hospital, I authored and co-authored 11 manuscripts. Further more I authored and co-authored 7 abstract in oral communication and 3 Posters in National and International relevant congresses. While working I continued teaching to the cardiovascular perfusions techniques students at University of Modena and Reggio Emilia.

During my career I've been involved by Prof. Parravicini in the development of cardiovascular devices subsequently patented:

1. A fixing device for closing a sternum opened following a sternotomy incision in the field of heart surgery or torax surgery, comprising a staple made of an elastic plastic material, wherein the fixing device consists in a central segment or cortical riser with a rhomboidal shape equipped with a central opening that extends at its two opposite ends in two side segments or roots. (WO2010004602),
2. A mitral annuloplasty ring composed of a D-shaped annular structure and made of rigid or semi-rigid material, a coating of the annular structure made of inert tissue and suited to be fixed with sutures to the heart tissues, and a pair of movable and sliding metal or plastic strips positioned in a folded conformation inside the annular structure and having a first end fixed to a rectilinear or circular portion of the annular structure and a second end resting on a curved portion of the annular structure. (BRPI0721250).
3. A cardiovascular device adapted to be fitted into a cardiac ventricular cavity having a volume with blood flowing therethrough, which is bounded by walls and has a larger longitudinal dimension and a smaller transverse dimension, characterized in that it comprises diaphragm means that can be disposed in said ventricular cavity substantially transverse to said larger longitudinal dimension, in such an arrangement as to reduce said volume, said diaphragm means having a peripheral edge which can be sealingly engaged with said walls and being adapted to be alternately driven between an active blood pushing displacement and an inactive return displacement (KR20130122528).
4. A novel portable extra-corporeal life support system for the treatment of cardio-pulmonary failure, the He-art system (Supported by the Italian Ministry of Industry and Economy Development, Project N. A20/1851/00/X06).

The He-art system was tested in vitro and subsequently the devices was tested in vivo in a sheep model at Centralized animal research center after the acceptance by the ethical committee of the University of Modena and Reggio Emilia. The results of our study are until under evaluation and we are waiting for further grant in order to perform other tests to improve the performances of the device.

While working in 2009 I attended the echo-cardiography course organized by SIEC achieving the licence in echo-cardiography.

In 2011 I attended the ultrasound vascular course organized by SIEC achieving the licence in vascular echography.

During my career I participated as assistant and first surgeon in more than 5.000 adult and pediatric cardiac intervention, vascular and endovascular intervention. Over the years I have developed particular skill in the pre-operative and post-operative management of Cardiac surgery and critical ill patients. I'm particularly skilled in the use of ultrasound devices for the diagnosis and the treatment of cardiovascular and abdominal related pathology.

Between 2006-2008 I was also involved in the Vascular theatre with particular interest in carotid endarterectomy and endovascular procedures.

In 2012 I won a public concourse and moved to Parma as Consultant Cardiac Surgeon at Azienda Ospedaliera Universitaria di Parma where I'm still working as cardiac surgeon

From 2012 I'm Professor at Università di Modena and Reggio Emilia, teaching Cardiochirurgia I and II at the Perfusionist school

In 2011 I was reviewer for the European Journal of Cardio-Thoracic surgery.

In 2012 I worked at Azienda Ospedaliera Universitaria of Parma working at the project " Coronary surgical therapy with arterial conduits". From 2013 working at azienda Ospedaliera Universitaria of Parma at the project "Echocardiographic diagnosis and follow-up of patients underwent trans-catheter aortic valve replacement"

Since 2017 i'm a full time cardiac surgeon of the Cardiac surgery team of Azienda Ospedaliero Universitaria di Parma

28/09/2024

Dott. Filippo Benassi

