

PERSONAL INFORMATION

Gabriele Di Giammarco



📍 164, Via Gobetti Pescara 65121 ITALY

☎ +390871358654 📠 +393311765565

✉ Gabrieledigiammarco57@gmail.com; gabriele.digiammarco@unich.it

Sex M | 08/05/1957 | Nationality italian

From March 2003 – to now

Director and Chair of Cardiac Surgery at University "G.D'Annunzio" Chieti-Pescara – ITALY

Full Professor of Cardiac Surgery since November 2006

Associate Professor of Cardiac Surgery from November 2002 to November 2006

EDUCATION AND TRAINING

From November 2004 to now: Director of Postgraduate Course of Cardiac Surgery at University of Chieti-Pescara

From November 2003 to now: Director of Degree Course of Cardiovascular Perfusion at University of Chieti-Pescara

Postgraduate Course in Cardiac Surgery at Bologna University in 1993

Postgraduate Course in General Surgery at Chieti University in 1987

Degree in Medicine at Chieti University in 1981

Appointed as Cardiac Surgeon in June 1989 at Ospedale SS. Annunziata in Chieti Italy

TAVI training course on behalf of ASL02 (del. 274, 21/03/2017), Catania (Italy) september 2017

Mother tongue(s) ITALIAN

Other language(s)

Replace with language

UNDERSTANDING		SPEAKING		WRITING
Listening	Reading	Spoken interaction	Spoken production	
ENGLISH C2	ENGLISH C2	ENGLISH C1	ENGLISH C1	ENGLISH C1

Communication skills

- good communication skills gained through my experience as surgeon

Organisational / managerial skills

- leadership (currently responsible for a team of 50 people)

Digital skills	SELF-ASSESSMENT				
	Information processing	Communication	Content creation	Safety	Problem solving
	Proficiency	Proficiency	Proficiency	Proficiency	Proficiency

Levels: Basic user - Independent user - Proficient user
Digital competences - Self-assessment grid

Replace with name of ICT-certificates

Replace with your other computer skills. Specify in what context they were acquired. Example:

- good command of office suite (word processor, spread sheet, presentation software)
- good command of photo editing software gained as an amateur photographer

Driving licence B

ANNEXES

Membership of Scientific Societies

- Società Italiana di Chirurgia Cardiaca dal 1994
- European Association for Cardiothoracic Surgery (EACTS) dal 21 Settembre 1998
- Society of Thoracic Surgeons (STS) dal Gennaio 2000
- Società Italiana di Cardiologia (SIC) dal Settembre 2001
- Society for Heart Valve Disease (SHVD) dal 2004
- American Society of Extracorporeal Technology (AMSECT) dal 2006
- International Society for Heart and Lung Transplantation (ISLHT) dal 2008

Clinical experience

- Since 1994 to now more than 6000 adult cardiac surgery operations performed as first surgeon. Among these, 24 Heart transplantations and 22 LVSDs implantations.
- The main interest is Coronary revascularization (with more than 2000 operations performed off-pump) using all the arterial conduits proposed in time in different fashion (in situ or in composite arrangement). The surgical experience involves the treatment of ischemic mitral regurgitation.
- Since 1996 involved in the field of intraoperative graft verification using TTFM and since 2009 international leadership in integrated intraoperative graft verification using TTFM and Ultrasound High Resolution Imaging.

Presentations in International Meeting

- *Continuous warm blood antegrade cardioplegia (CW/BAC). A transesophageal echocardiographic (TEE) study and proposed indications.*
VIII International Meeting: Cardiostim 92.
Nice Acropolis - French Riviera. June 17-20, 1992.
- *The Latest Advances in Minimally Invasive Cardiac Surgery (MICS)*
50th Meeting of the Japanese Association for Thoracic Surgery.
Tokyo, Japan October 1, 1997

- *Mid-term Results of Minimally Invasive Direct Coronary Artery Bypass*
50th Meeting of the Japanese Association for Thoracic Surgery.
Tokyo, Japan – October 2, 1997
- *Minimal invasive Coronary Surgery. Midterm results.*
Controversies on Coronary Revascularization – 1st Vienna Interdisciplinary Symposium for Interventional Cardiologists and Cardiac Surgeons.
Vienna , Austria - October 1997
- *The Role of Total Arterial Revascularization in Patients with Severe Concomitant Disease*
Cardiac Surgery and Concomitant Disease.
Baden-Baden, Germany –October 24 1997
- *Off-Pump Coronary Surgery in High Risk Patients*
Cardiac Surgery and Concomitant Disease.
Baden-Baden, Germany –October 24 1997
- *Off or On ByPass: What is the Safety Threshold?*
International Symposium on Minimally Invasive Total Myocardial Revascularization
University of South Florida at Tampa General Hospital , Tampa– Florida,
March 19-20, 1999
- *Minimally Invasive Coronary Surgery: The Chieti Experience.*
63rd Annual Scientific Meeting of the Japanese Circulation Society.
Tokyo, March 27-29, 1999
- *Myocardial Revascularization Without Cardiopulmonary Bypass (CPB).*
State-of-the-heart in Emerging Coronary Revascularisation. EACTS Satellite Symposium. Glasgow, Scotland – September 4, 1999
- *Controversies and Results of Off-Pump Coronary Surgery.*
III Curso de Cirurgia Coronária Minimamente Invasiva.
Recife – Brasil. September 19, 1999
- *Surgical Treatment of Dilated Cardiomyopathy*
12th Annual Meeting of the Mediterranean Association of Cardiology & Cardiac Surgery
Omayad Conference Center . Damascus – Syria – October 19-22, 1999
- *Myocardial Revascularization Without CPB*
12th Annual Meeting of the Mediterranean Association of Cardiology & Cardiac Surgery
Omayad Conference Center . Damascus – Syria – October 19-22, 1999
- *Long Term Results of the LAST operation*
12th Annual Meeting of the Mediterranean Association of Cardiology & Cardiac Surgery
Omayad Conference Center . Damascus – Syria – October 19-22, 1999
- *Off-Pump CABG: Mid –Term results*
University of Damascus – Cardiac Surgery Department
Damascus – Syria – February 2001
- *Off-Pump CABG: Techniques, validation and results. The Chieti experience.*
Fourth National Congress on Cardiovascular Update of the Iranian Society of Cardiac Surgery
Teheran, IRAN – June 2001
- *Advanced Technologies in Coronary Surgery: Rationale for use of a Transit-Time Flowmeter*
Fourth National Congress on Cardiovascular Update of the Iranian Society of Cardiac Surgery
Teheran, IRAN – June 2001
- *Valve Conduits in Aortic Root Replacement*
Fourth National Congress on Cardiovascular Update of the Iranian Society of Cardiac Surgery
Teheran, IRAN – June 2001
- *Myocardial Revascularization with and without Cardiopulmonary Bypass: Impact of the Strategy on the early Outcome*
3rd Off-Pump CABG Society Conference
Tsu-City, Japan- July 2001
- *Off-Pump CABG: Techniques, validation and results. The Chieti experience.*
6th Annual Meeting of Japanese Coronary Artery Surgery
Tsu-City, Japan- July 2001
- *Advanced Technologies in Coronary Surgery: Rationale for use of a Transit-Time Flowmeter*
The World Expert Seminar at Kyoto University Shran Hall. Kyoto, Japan- July 2001

Off-Pump Coronary Artery Surgery: Techniques and Pitfalls
Tokyo International Forum, Tokyo, Japan- July 2001

The role of conventional surgery in the treatment of dilated cardiomyopathies.
Meeting of Syrian Cardiovascular Association, Damascus, Syria – November 2001

Off-Pump CABG: Techniques, validation and results. The Chieti experience.
Meeting of Syrian Cardiovascular Association, Damascus, Syria – November 2001

Calaffiore's low volume cardioplegia in MECC.
55th Meeting of the Japanese Association of Cardiothoracic Surgeons – Fukuoka (Japan), October 9-12, 2002

Myocardial revascularization off/on pump: Why should the role of the anaesthesiologist be integrated with the surgeon's
Hôpital universitaire cantonal – Geneva, Switzerland – December 2, 2002

When to electively use CPBP? Is There a Role for Beating Heart On Pump?
The 8th Cardiac Techniques and Technologies Meeting. Miami, FL (US), February 20, 2003

Linear Septo-Anterior Wall Suture and Septo-Anterior Wall-Apical Patch for Exclusion of Antero-Septal Scar
The 8th Cardiac Techniques and Technologies Meeting. Miami, FL (US), February 20, 2003

The clinical value of transit-time flow measurements in coronary artery bypass surgery
NTFK Spring Meeting, Oslo, Norvegia, April 25, 2003

The Future of Coronary Surgery
6° Congresso Biennale della Syrian Cardiovascular Association
Damascus – Syria, October 7-10, 2003

Novadaq: a Novel System for Graft Verification in Coronary Surgery
6° Congresso Biennale della Syrian Cardiovascular Association
Damascus – Syria, October 7-10, 2003

Panel Discussion on the Treatment of Dilated Cardiomyopathies
6° Congresso Biennale della Syrian Cardiovascular Association
Damascus – Syria, October 7-10, 2003

Controversie nel Trattamento Chirurgico della Cardiopatia Ischemica
I Forum Internacional y Interuniversitario de Patología Cardiovascular
Puerto de la Cruz – Tenerife – March 26-27, 2004

Bilateral Internal Mammary Artery Grafting: Long-Term Results of Pedicled Versus Skellonized Conduits
9th Annual Meeting of the Japanese Association for Coronary Artery Surgery
Medical University – Sapporo – Japan – July 9, 2004

What's new in graft control: The Very-Q
9th Annual Meeting of the Japanese Association for Coronary Artery Surgery
Medical University – Sapporo – Japan – July 9, 2004

FROM ECC TO MECC – REASONS TO CHANGE
The international symposium.
Heiligendamm – Germany – August 26-28, 2004

Recurrence of functional mitral regurgitation in patients with dilated cardiomyopathy undergoing mitral valve repair: how to predict it?
5th European Meeting of EACTS – Stockholm, Sweden 9-13 september 2006

Intraoperative open-stent implantation for treatment of aortic dissection
2005 annual Meeting of ISMICS (International Society for Minimally Invasive Cardiac Surgery) – New York, June 1-4 2005

Il trattamento delle dissezioni acute di tipo A/B
International Meeting Thoracic Aortic Surgery
Montesilvano (Pescara), 9-11 novembre 2006

Rationale for Use of a Transit-Time Flowmeter in Coronary Surgery
CIRUGIA CORONARIA: Actualizacion o Renuncia?
Santa Cruz de Tenerife (Spain) 25-26 Maggio 2007

CORONARY GRAFTS LATE PATENCY: The chance to predict it by TTF measurement
XXV Meeting of SCS - Pamplona, June 21th – 23rd, 2007

Clinical Benefit Of Aortic Stentless Valve Over 65 Years According To Patient Prosthesis Mismatch: A Propensity Score Matching Analysis
8th Congress of the Syrian Cardiovascular Association, Damascus (Syria) October 31th – November 3 2007

Coronary Grafts Late Patency: The Chance To Predict It By TTF Measurement
8th Congress of the Syrian Cardiovascular Association, Damascus (Syria) October 31th – November 3 2007

The role of flow measurement in predicting mid-term patency of coronary grafts
American Association of Thoracic Surgery, San Diego (US) 2008, May 12th.

HTK SOLUTION PRESERVES ENDOTHELIAL INTEGRITY OF SAPHENOUS VEIN GRAFTS: a prospective analysis of variance.
XXIV Congresso Italiano della SICCH, Società Italiana di Cardiocirurgia. Roma, Novembre 2008.

INFLUENCE OF SYSTEMIC ARTERIAL PRESSURE ON CORONARY GRAFT FLOW: A LEAST-SQUARES LINEAR REGRESSION MODEL
XXIV Congresso Italiano della SICCH, Società Italiana di Cardiocirurgia. Roma, Novembre 2008.

SINGLE LIMA TO LAD VERSUS COMPLETE REVASCULARIZATION IN MULTIVESSEL CORONARY ARTERY DISEASE: A 12-YEAR SURVIVAL ANALYSIS
XXIV Congresso Italiano della SICCH, Società Italiana di Cardiocirurgia. Roma, Novembre 2008.

Intraoperative diagnosis utilizing new generation color imaging system as supplement to flow measurements during CABG surgery
62^o Japanese Meeting of JATS – Yokohama (Japan), 11-14 October, 2009

Methods and procedures for Intraoperative Graft Patency Verification
62^o Japanese Meeting of JATS – Yokohama (Japan), 11-14 October, 2009

Intraoperative assessment on CABG procedure by Epicardial Color Ultrasound
V Meeting of Association for beating heart coronary revascularization
Osaka (Japan), luglio 2010

Predictive Value of Adding Epicardial Ultrasound to Transit-Time Flow Measurement in Coronary Surgery
24th Annual Meeting of EACTS – Geneva (Switzerland), 11-15 september 2010

New perspectives in intraoperative quality control in coronary surgery: are we ready for the guidelines?
25th Meeting of Italian society for Cardiac Surgery (SICCH) – Rome, 6-9 novembre 2010

Epicardial ultrasonography before and after TTFM in coronary surgery. How can the implementation of this new protocol create value to the cardiac surgeon.
91th America Association For Thoracic Surgery (AATS) – Philadelphia, May 7-11 2011

A New Concept of Graft Verification in Coronary Artery Bypass Grafting. The Marriage of Function and Morphology.
ASCVTS-ATCSA Meeting – Phuket, Thailand, May 26-29 2011

Epicardial Ultrasonography in Coronary Surgery: The Way to Increase Diagnostic Accuracy of Transit Time Flow Measurement
11th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery (ISMICS) – Washington DC, USA, June 8-11 2011

Law and Order in Myocardial Revascularization: From a new vision to a new mission.
16th Annual meeting of the Japanese Association for Coronary Artery Surgery – Matsumoto, June 14-16 2011.

Italian experience with Jarvik 2000: low incidence of infections with pedestal use.
International meeting of International Society of Heart and Lung Transplantation – Prague, April 2012.

Correx Aortic Valve Bypass: new strategy for old concept.
Congreso de cirugía Italia-Cuba – Habana, May 3-5 2012

Intraoperative graft verification in coronary surgery.
Congreso de cirugía Italia-Cuba – Habana, May 3-5 2012

Quale lo spazio per la terapia chirurgica della stenosi valvolare aortica critica dell'anziano.
International Meeting " Le battaglie cardiologiche di Tagliacozzo" – Tagliacozzo 18-19 maggio 2012

Aortic valve bypass using a novel automated device for the treatment of high-risk aortic valve stenosis on a beating heart
13th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery, Prague, June 12-15 2013

Novel System For Aortic Valve Bypass In The Treatment Of High Risk Aortic Stenosis
7th Biennial Meeting of the Society for Heart Valve Disease, Venice, June 22-25 2013

Innovaciones Tecnológicas En Las Intervenciones De Cirugía Coronaria
XII Congreso de la Sociedad Andaluza de Cirugía Cardiovascular, Malaga, September 26-28

Novel System For Aortic Valve Bypass In The Treatment Of High Risk Aortic Stenosis
XII Congreso de la Sociedad Andaluza de Cirugía Cardiovascular, Malaga, September 26-28

Apico-Aortic Conduit: How To Brush Up A Vintage Solution!

- Valve surgery: an update on current trends and future perspectives, Rome, November 29-30
 - Improved results in Coronary Artery Bypass Surgery: Surgical Skill or Standardized Procedure
44^o Annual Meeting of the JCSC – February 19-21, 2014 – Kumamoto – Japan
 - *Flow Measurement & Color Imaging How contribute to CABG*
44^o Annual Meeting of the JCSC – February 19-21, 2014 – Kumamoto – Japan
 - *The Front Line of Cardiac Surgeries in Europe*
1st Takii Academic Surgical Meeting - Kansai University, Osaka, Japan – February 23, 2014
 - *Cone bearing vs Pin bearing: from benchmark to the bedside.*
International meeting of International Society of Heart and Lung Transplantation – 34^o annual Meeting. San Diego US – 2014, April 10-13
 - *Intraoperative detection of coronary stenosis in the lack of preoperative coronary angiography: the role of high resolution epicardial ultrasonography*
14th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery, Boston, US, - 2014, May 28-31
 - *The key to good outcome in measuring graft flow*
ACTA SCTS Joint Annual Meeting 2015, Manchester (UK) 2015, March 25-27
 - *Mid-term results of off-pump aortic valve bypass using a novel automated device in severe aortic valve stenosis*
14th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery, Boston, US, - 2014, May 28-31
 - *Risultati a breve termine dell'impianto del condotto valvolato Biointegral*
Congresso de chirurgia Italia-Cuba – Habana, 2015 April 29-30
 - *Equine pericardium and chordae autotranplantation to reconstruct tricuspid valve anterior leaflet in massive endocarditis*
15th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, 2015, June 3-6
 - *Late followup of a single center experience with a novel device for apico-aortic conduit implantation*
15th Meeting of International Society For Minimally Invasive Cardiothoracic Surgery, Berlin, Germany, 2015, June 3-6
 - *How does TTFM actually work?*
 - AATS International Coronary Congress 2015 – State of the art surgical coronary revascularization.
Faculty and invited speaker. 2015, August 21-23 New York city
 - *Graft Flow measurement: what do the numbers mean and when to revise the graft.*
AATS International Coronary Congress 2015 – State of the art surgical coronary revascularization.
Faculty and invited speaker. 2015, August 21-23 New York city
 - *The procedure for intraoperative graft verification in coronary surgery: Is high resolution epicardial imaging useful in addition to Transit-Time flow measurement to reduce postoperative failures?*
WSCTS 2015, Edinburgh 2015 september 19-22
- To be updated to now

Publications on International Journals

- 1: Gaudino M, Antoniadis C, Benedetto U, Deb S, Di Franco A, Di Giammarco G, Fremez S, Glineur D, Grau J, He GW, Marinelli D, Ohmes LB, Patrono C, Puskas J, Tranbaugh R, Girardi LN, Taggart DP: ATLANTIC (Arterial Grafting International Consortium) Alliance. Mechanisms, Consequences, and Prevention of Coronary Graft Failure. *Circulation*. 2017 Oct 31;136(18):1749-1764. doi: 10.1161/CIRCULATIONAHA.117.027597. Review. PubMed PMID: 29084780.
- 2: Di Giammarco G, Marinelli D. Which aortic valve prosthesis I would implant on myself? *J Thorac Cardiovasc Surg*. 2017 Sep 20. pii: S0022-5223(17)31977-3. doi: 10.1016/j.jtcvs.2017.09.056. [Epub ahead of print] PubMed PMID: 29029822.
- 3: Di Giammarco G, Marinelli D. Minimally invasive Columbus egg. *J Thorac Cardiovasc Surg*. 2018 Jan;155(1):e45. doi: 10.1016/j.jtcvs.2017.08.041. Epub 2017 Aug 30. PubMed PMID: 28919140.
- 4: Ohmes LB, Di Franco A, Di Giammarco G, Rosati CM, Lau C, Girardi LN, Massetti M, Gaudino M. Techniques for intraoperative graft assessment in coronary artery bypass surgery. *J Thorac Dis*. 2017 Apr;9(Suppl 4):S327-S332. doi:

10.21037/jtd.2017.03.77. Review. PubMed PMID: 28540076; PubMed Central PMCID: PMC5422662.

5: Di Mauro M, Dato GMA, Barili F, Gelsomino S, Santè P, Corte AD, Carrozza A, Ratta ED, Cugola D, Galletti L, Devotini R, Casabona R, Santini F, Salsano A, Scrofani R, Antona C, Bolta L, Russo C, Mancuso S, Rinaldi M, De Vincentiis C, Biondi A, Beghi C, Cappabianca G, Tarzia V, Gerosa G, De Bonis M, Pozzoli A, Nicolini F, Benassi F, Rosato F, Grasso E, Livi U, Sponga S, Pacini D, Di Bartolomeo R, De Martino A, Bortolotti U, Onorati F, Faggian G, Lorusso R, Vizzardi E, Di Giammarco G, Marinelli D, Villa E, Troise G, Picichè M, Musumeci F, Paparella D, Margari V, Tritto F, Damiani G, Scarscia G, Zaccaria S, Renzulli A, Serraino G, Mariscalco G, Maselli D, Foschi M, Parolari A, Nappi G; Italian Group of Research for Outcome in Cardiac Surgery (GIROC). A predictive model for early mortality after surgical treatment of heart valve or prosthesis infective endocarditis. The EndoSCORE. *Int J Cardiol.* 2017 Aug 15;241:97-102. doi: 10.1016/j.ijcard.2017.03.148. Epub 2017 Apr 4. PubMed PMID: 28390740.

6: Di Mauro M, Foschi M, Tancredi FC, Di Giammarco G. Distended or not distended? Fat or nude saphenous vein? In medio stat virtus. *J Thorac Cardiovasc Surg.* 2017 Oct;154(4):1301-1302. doi: 10.1016/j.jtcvs.2017.03.006. Epub 2017 Mar 10. PubMed PMID: 28365017.

7: Di Giammarco G, Marinelli D. Antithrombin III as predictor of liver reserve: A new parameter to improve the results of mechanical circulatory support therapy. *J Thorac Cardiovasc Surg.* 2017 Jun;153(6):1383. doi: 10.1016/j.jtcvs.2017.02.049. Epub 2017 Mar 8. PubMed PMID: 28365010.

8: 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, Scarscia 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. PubMed PMID: 28329161.

9: Di Giammarco G, Marinelli D, Foschi M, Di Mauro M. A Novel Technique to Reconstruct Tricuspid Valve Anterior Leaflet in Massive Endocarditis. *Innovations (Phila).* 2016 Jul-Aug;11(4):295-7. doi: 10.1097/IMI.0000000000000290. PubMed PMID: 27612147.

10: Di Giammarco G, Marinelli D, Foschi M, Di Mauro M. Intraoperative graft verification in coronary surgery. *J Cardiovasc Med (Hagerstown).* 2017 May;18(5):295-304. doi: 10.2459/JCM.0000000000000401. Review. PubMed PMID: 27366820.

11: Di Giammarco G, Marinelli D, Foschi M, Di Natale M, Tancredi F, Di Mauro M. Intraoperative imaging to detect coronary stenosis in no-angiography patients. *Asian Cardiovasc Thorac Ann.* 2017 Jul;25(6):446-449. doi: 10.1177/0218492316647216. Epub 2016 Apr 26. PubMed PMID: 27117303.

12: Paparella D, Di Mauro M, Bilton Worms K, Bolotin G, Russo C, Trunfo S, Scrofani R, Antona C, Actis Dato G, Casabona R, Colli A, Gerosa G, Renzulli A, Serraino F, Scarscia G, Zaccaria S, De Bonis M, Taramasso M, Delgado L, Tritto F, Marmo J, Parolari A, Myaseodova V, Villa E, Troise G, Nicolini F, Gherli T, Whillock R, Conte M, Barili F, Gelsomino S, Lorusso R, Sciatti E, Marinelli D, Di Giammarco G, Calafiore AM, Sheikh A, Alfonso JJ, Glauber M, Miceli A; GIROC Investigators. Antiplatelet versus oral anticoagulant therapy as antithrombotic prophylaxis after mitral valve repair. *J Thorac Cardiovasc Surg.* 2016 May;151(5):1302-8.e1. doi: 10.1016/j.jtcvs.2015.12.036. Epub 2016 Jan 5. PubMed PMID: 26832208.

13: Tarzia V, Di Giammarco G, Di Mauro M, Bortolussi G, Maccherini M, Tursi V,

Maiani M, Bernazzali S, Marinelli D, Foschi M, Buratto E, Bejko J, Gregori D, Scuri S, Livi U, Sani G, Bottio T, Gerosa G. From bench to bedside: Can the improvements in left ventricular assist device design mitigate adverse events and increase survival? *J Thorac Cardiovasc Surg*. 2016 Jan;151(1):213-7. doi: 10.1016/j.jtcvs.2015.09.107. Epub 2015 Oct 3. PubMed PMID: 26548997.

14: Lanuti P, Serafini F, Pierdomenico L, Simeone P, Bologna G, Ercolino E, Di Silvestre S, Guarnieri S, Canosa C, Impicciatore GG, Chiarini S, Magnacca F, Marigliò MA, Pandolfi A, Marchisio M, Di Giammarco G, Miscia S. Human Mesenchymal Stem Cells Reendothelialize Porcine Heart Valve Scaffolds: Novel Perspectives in Heart Valve Tissue Engineering. *Biores Open Access*. 2015 Jun 1;4(1):288-97. doi: 10.1089/biores.2015.0019. eCollection 2015. PubMed PMID: 26309804; PubMed Central PMCID: PMC4497625.

15: Di Giammarco G, Foschi M, Di Mauro M. Cor-Knot automated fastener to facilitate Corex aortic valve bypass implantation. *Asian Cardiovasc Thorac Ann*. 2015 Oct;23(8):1010-2. doi: 10.1177/0218492315594521. Epub 2015 Jul 16. PubMed PMID: 26187461.

16: Di Giammarco G, Canosa C, Foschi M, Mucilli F, Marinelli D, Nuzzo N, Testa N. Novel apical coring device for apicoaortic conduit insertion to treat off-pump aortic stenosis, coronary disease, and lung cancer. *Innovations (Phila)*. 2015 Mar-Apr;10(2):138-41. doi: 10.1097/IMI.000000000000128. PubMed PMID: 25811706.

17: Di Giammarco G, Canosa C, Foschi M, Rabozzi R, Marinelli D, Masuyama S, Ibrahim BM, Ranalletta RA, Penco M, Di Mauro M. Intraoperative graft verification in coronary surgery: increased diagnostic accuracy adding high-resolution epicardial ultrasonography to transit-time flow measurement. *Eur J Cardiothorac Surg*. 2014 Mar;45(3):e41-5. doi: 10.1093/ejcts/ezt580. Epub 2013 Dec 12. PubMed PMID: 24335472.

18: Turillazzi E, Di Giammarco G, Neri M, Bello S, Riezzo I, Fineschi V. Coronary ostia obstruction after replacement of aortic valve prosthesis. *Diagn Pathol*. 2011 Aug 2;6:72. doi: 10.1186/1746-1596-6-72. PubMed PMID: 21810231; PubMed Central PMCID: PMC3162531.

19: Pizzicannella J, Rabozzi R, Trubiani O, Di Giammarco G. HTK solution helps to preserve endothelial integrity of saphenous vein: an immunohistochemical and ultrastructural analysis. *J Biol Regul Homeost Agents*. 2011 Jan-Mar;25(1):93-9. PubMed PMID: 21382278.

20: Buttari B, Profumo E, Di Cristofano C, Pietraforte D, Lionetti V, Capoano R, Salvati B, Businaro R, Di Giammarco G, Riganò R. Haemoglobin triggers chemotaxis of human monocyte-derived dendritic cells: possible role in atherosclerotic lesion instability. *Atherosclerosis*. 2011 Apr;215(2):316-22. doi: 10.1016/j.atherosclerosis.2010.12.032. Epub 2011 Jan 19. PubMed PMID: 21333994.

21: Di Giammarco G, Rabozzi R. Can transit-time flow measurement improve graft patency and clinical outcome in patients undergoing coronary artery bypass grafting? *Interact Cardiovasc Thorac Surg*. 2010 Nov;11(5):635-40. doi: 10.1510/ictvs.2010.235663. Epub 2010 Aug 3. Review. PubMed PMID: 20682631.

22: Turillazzi E, Pennella A, Di Giammarco G, Neri M, Fineschi V. Post-transplant lymphoproliferative disorder in the heart late after heterotopic transplantation: autopsy findings. *J Heart Lung Transplant*. 2010 Aug;29(8):904-6. doi: 10.1016/j.healun.2010.02.011. Epub 2010 Apr 18. PubMed PMID: 20403711.

23: Di Giammarco G, Rabozzi R, Chiappini B, Tamagnini G. Absolute and relative risk prediction in patients candidate to isolated aortic valve replacement: should we change our mind? *Eur J Cardiothorac Surg*. 2010 Feb;37(2):255-60. doi: 10.1016/j.ejcts.2009.08.025. Epub 2009 Sep 19. PubMed PMID: 19767216.

24: Di Giammarco G, Turillazzi E, Bolino G, Neri M, Riezzo I, Fineschi V. Pushing

a catheter remnant into the coronary tree: complication of the procedure? Maybe, but sometimes the fragment needs to be removed. *Int J Cardiol.* 2011 May 19;149(1):e18-20. doi: 10.1016/j.ijcard.2009.03.037. Epub 2009 Apr 1. PubMed PMID: 19339065.

25: Di Mauro M, Calafiore AM, Penco M, Romano S, Di Giammarco G, Gallina S. Mitral valve repair for dilated cardiomyopathy: predictive role of right ventricular dysfunction. *Eur Heart J.* 2007 Oct;28(20):2510-6. Epub 2007 Sep 21. PubMed PMID: 17890302.

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Book Chapters

1. Calafiore A.M., Di Giammarco G., Teodori G., Vitolla G., Contini M. **Indications, contraindications and exclusions for MIDCAB.** in Emery R.W.: *Techniques for Minimally Invasive Direct Coronary Artery Bypass (MIDCAB) Surgery.* Hanley & Belfus, INC. Medical Publisher. Philadelphia, 1997; pag 141-6.
2. Di Giammarco G., Calafiore A.M. **Off-Pump Coronary Surgery in High Risk Patients** Da: *Cardiac Surgery and Concomitant Disease.* Ed. By J. Ennker. Steinkopff Verlag Darmstadt, 1999
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5. Gabriele Di Giammarco, Michele Di Mauro, Daniele Marinelli, Massimiliano Foschi, Luca Bontempi, Antonio Cumis **Chirurgia di impianto di pacemaker e defibrillatori automatici.** In Chiarello L: *Trattato di chirurgia cardiaca.* 1a edizione 2016 Società Editrice Universo ISBN 978-88-6515-124-2

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Prof. Gabriele Di Giammarco

