

## **Dott. Massimiliano Carrozzini**

Data di nascita 07/10/1986

Nazionalità Italiana

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### **PROFESSIONE**

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Medico Chirurgo Specialista in Cardiochirurgia  
Iscritto all'Ordine dei Medici Chirurghi di Lecce (N° 7642)

### **ATTUALE POSIZIONE**

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- Dal 14/01/2019 Dirigente Medico presso l'U.O.C. Cardiochirurgia, ASST Grande Ospedale  
Metropolitano Niguarda, Milano.
- Dal 01/10/2017 Dottorando in "Medicina Specialistica traslazionale – G.B. Morgagni" Curriculum  
Cardioracovascolare, Università degli Studi di Padova

### **FORMAZIONE**

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- 05/07/2012 – Specializzazione in Cardiochirurgia  
10/07/2017  
Conseguita con voto 110/110 e Lode presso la Scuola di Specializzazione in  
Cardiochirurgia, Dipartimento di Scienze Cardiologiche, Toraciche e Vascolari,  
dell'Università degli Studi di Padova  
Titolo della tesi di specializzazione: "End-stage heart failure eligible for heart  
transplantation: to bridge or not to bridge? Insights from the Padova experience"
- 16/02/2012 Abilitazione all'esercizio della professione di Medico Chirurgo  
Conseguita presso l'Università degli Studi di Padova
- 01/03/2011 – Observership presso il Boston Children's Hospital  
31/05/2011  
Cardiac Registry, Cardiac Surgery, Boston Children's Hospital, Harvard Medical  
School
- 01/10/2005 – Laurea Specialistica a ciclo unico in Medicina e Chirurgia  
12/10/2011  
Conseguita con voto 110/110 e Lode presso l'Università degli Studi di Padova

Titolo della tesi: "Anomalie delle arterie coronarie ad origine dall'aorta: studio clinico"

13/07/2005 Diploma di Maturità  
Conseguito presso il Liceo Classico Sperimentale "Brocca", Virgilio, Lecce

## **CORSI DI FORMAZIONE**

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16-17/06/2017 1<sup>st</sup> SICCH Course on Transcatheter Surgery – Napoli

10-14/11/2014 EACTS Academy: Advanced Module, Heart Failure – Windsor

04-08/11/2013 EACTS Academy: Advanced Module, Heart Failure – Windsor

29/11/2014 SICCH Training on Mitral Valve Repair – Roma

04-06/12/2012 International Course "The Donor Surgeon – a master course in organ procurement" 4<sup>th</sup> edition – Padova

## **PRODUZIONE SCIENTIFICA**

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### **PUBBLICAZIONI** **Full paper**

1. Carrozzini M, Bejko J, Gerosa G, Bottio T. Bilateral mini-thoracotomy approach for minimally invasive implantation of HeartMate 3. *Artif Organs*. 2018 Nov 9. doi: 10.1111/aor.13387.
2. Carrozzini M, Bejko J, Gambino A, Tarzia V, Lanera C, Gregori D, Gerosa G, Bottio T. Results of new-generation intrapericardial continuous flow left ventricular assist devices as a bridge-to-transplant. *J Cardiovasc Med (Hagerstown)*. 2018 Dec;19(12):739-747. doi: 10.2459/JCM.0000000000000721
3. Carrozzini M, Bejko J, Guariento A, Rubino M, Bianco R, Tarzia V, Gregori D, Bottio T, Gerosa G. Minimally Invasive Implantation of Continuous Flow Left Ventricular Assist Devices: The Evolution of Surgical Techniques in a Single-Center Experience. *Artif Organs*. 2018 Jul 30. doi: 10.1111/aor.13339.
4. Carrozzini M, Toto F, Gerosa G, Bottio T. Irreversible cardiac failure with intraventricular thrombosis: A novel technique of paracorporeal biventricular assist device implantation with ventricles excision. *J Thorac Cardiovasc Surg*. 2018 Apr;155(4):1632-1634; doi: 10.1016/j.jtcvs.2017.11.085.
5. Vida VL, Zanotto L, Carrozzini M, Padalino MA, Stellin G. Repair Techniques for Mitral Valve Insufficiency in Children. *Semin Thorac Cardiovasc Surg Pediatr*

6. Colli A, Carrozzini M, Francescato A, Galuppo M, Comisso M, Toto F, Gregori D, Gerosa G. Acute DeBakey Type I aortic dissection without intimal tear in the arch: is total arch replacement the right choice? *Interact CardioVasc Thorac Surg*. 2018 Jan; 26(1):84-90. doi: 10.1093/icvts/ivx229
7. Padalino MA, Carrozzini M, Vida V, Stellin G. Vacuum-Assisted Closure Therapy for the Treatment of Poststernotomy Wound Dehiscence in Neonates and Infants. *Thorac Cardiovasc Surg*. 2017 Jun 19. doi: 10.1055/s-0037-1603933
8. Vida VL, Carrozzini M, Padalino M, Milanese O, Stellin G. Surgical Treatment of Congenital Mitral Valve Dysplasia. *J Card Surg*. 2016 May; 31(5):352-6. doi: 10.1111/jocs.12743
9. Bortolussi G, Bejko J, Gallo M, Comisso M, Carrozzini M, Guglielmi C, Testolin L, Toscano G, Rubino M, Bianco R, Tarzia V, Gerosa G, Bottio T. Coronary Artery Bypass Grafting in Elderly Patients: Insights from a Comparative Analysis of Total Arterial and Conventional Revascularization. *J Cardiovasc Transl Res*. 2016 Jun; 9(3):223-9. doi: 10.1007/s12265-016-9688-y
10. Colli A, Carrozzini M, Galuppo M, Comisso M, Toto F, Gregori D, Gerosa G. Analysis of early and long-term outcomes of acute type A aortic dissection according to the new international aortic arch surgery study group recommendations. *Heart Vessels*. 2016 Oct; 31(10):1616-24. doi: 10.1007/s00380-015-0770-1
11. Russo CF, Mariscalco G, Colli A, Santè P, Nicolini F, Miceli A, De Chiara B, Beghi C, Gerosa G, Glauber M, Gherli T, Nappi G, Murzi M, Molardi A, Merlanti B, Vizzardi E, Bonadei I, Coletti G, Carrozzini M, Gelsomino S, Caiazzo A, Lorusso R. Italian multicentre study on type A acute aortic dissection: a 33-year follow-up. *Eur J Cardiothorac Surg*. 2016 Jan; 49(1):125-31. doi: 10.1093/ejcts/ezv048
12. Tarzia V, Bortolussi G, Bianco R, Buratto E, Bejko J, Carrozzini M, De Franceschi M, Gregori D, Fichera D, Zanella F, Bottio T, Gerosa G. Extracorporeal life support in cardiogenic shock: Impact of acute versus chronic etiology on outcome. *J Thorac Cardiovasc Surg*. 2015 Aug; 150(2):333-40. doi: 10.1016/j.jtcvs.2015.02.043
13. Bejko J, Tarzia V, Carrozzini M, Gallo M, Bortolussi G, Comisso M, Testolin L, Guglielmi C, De Franceschi M, Bianco R, Gerosa G, Bottio T. Comparison of Efficacy and Cost of Iodine Impregnated Drape vs. Standard Drape in Cardiac Surgery: Study in 5100 Patients. *J Cardiovasc Transl Res*. 2015 Oct;8(7):431-7. doi: 10.1007/s12265-015-9653-1

14. Padalino M, Carrozzini M, Vida V, Stellin G. One-and-a-half ventricle repair in adult patients: a word of caution. *J Card Surg.* 2014 Jul;29(4):542-5. doi: 10.1111/jocs.12350
15. Tarzia V, Carrozzini M, Bortolussi G, Buratto E, Bejko J, Comisso M, Mescola V, Penzo V, Guarino M, De Franceschi M, Pagnin C, Castoro M, Guglielmi C, Testolin L, Bottio T, Gerosa G. Impact of vacuum-assisted closure therapy on outcomes of sternal wound dehiscence. *Interact Cardiovasc Thorac Surg.* 2014 Jul;19(1):70-5. doi: 10.1093/icvts/ivu101

**Meeting abstract**

1. Carrozzini M; Bejko J; Comisso M; Toto F; Toscano G; Tarzia V; Gambino A; Cozzi E; Gregori D; Bottio T; Gerosa G. Impact of Continuous Flow Left Ventricular Assist Device on Graft Rejection and Donor-specific Antibodies Development After Heart Transplant. *J Heart Lung Transplant.* 2018 Apr; 37(4): S374-S375. Meeting abstract 963
2. Bottio T; Bejko J; Ocagli H; Carrozzini M; Pagnin C; Tarzia V; Agostoni P; Bacich D; Ortis H; Livi U; Maiani M; Apostolo A; Di Gianmarco G; Lanera C; Gregori D; Gerosa G. Sleep and Life Quality with Left Ventricle Assist Devices or Transplanted Heart: Results from a Multi-Center Observational Study. *J Heart Lung Transplant.* 2018 Apr; 37(4): S S294-S294. Meeting abstract 739
3. Carrozzini M; Bottio T; Toto F; Comisso M; Cardillo M; Cozzi E; Tarzia V; Bejko J; Gerosa G. Allosensitization with new generation left ventricular assist device. *Eur Heart J.* 2017 Aug; 38:S669. Meeting abstract 3281
4. Bejko J; Bottio T; Carrozzini M; Comisso M; Toto F; Tarzia V; Lombardi C; Gregori D; Metra M; Gerosa G. Propensity matched comparison of two different continuous-flow left ventricular assist devices. A matter of device? *Eur J Heart Fail.* 2017; 19:S114. Meeting abstract 469
5. Bejko J; Bottio T; Comisso M; Carrozzini M; Tarzia V; Gregori D; Francini FP; Gerosa G. Advanced acute heart failure and ketogenic diet: a case series of a single centre initial experience. *Eur J Heart Fail.* 2017; 19:S218. Meeting abstract 943
6. Carrozzini M; Bottio T; Toto F; Comisso M; Manzan E; Bejko J; Gerosa G. Heart transplantation: to bridge or not to bridge. *Eur J Heart Fail.* 2017; 19:S284. Meeting abstract 1152
7. Carrozzini M; Bottio T; Toto F; Comisso M; Manzan E; Cardillo M; Cozzi E; Tarzia V; Bejko J; Gerosa G. Allosensitization with new generation left ventricular assist device. *Eur J Heart Fail.* 2017; 19:S460-461. Meeting abstract 1851

8. Carrozzini M; Bottio T; Tarzia V; Toto F; Comisso M; Manzan E; Cozzi E; Bejko J; Gerosa G. Allosensitization in new generation left ventricular assist device recipients. J Heart Lung Transplant. 2017 Apr; 36(4):S424. Meeting abstract 1301
9. Bagozzi L; Guariento A; Bejko J; Carrozzini M; Comisso M; Bortolussi G; Gallo M; Tarzia V; Gerosa G; Bottio T. A single center evolution of surgical experience on HeartWare LVAD minimally invasive implantation in high risk patients. J Heart Lung Transplant. 2016; 35(4):S321. Meeting abstract 886
10. Tarzia V; Bortolussi G; Bejko J; Gallo M; Comisso M; Carrozzini M; Nadali M; Bianco R; Bottio T; Gerosa G. Coagulation and inflammation profiles with axial and centrifugal flow LVADs. J Heart Lung Transplant. 2016 Apr; 35(4):S392. Meeting abstract 1097
11. Toto F; Bejko J; Carrozzini M; Comisso M; Bortolussi G; Gallo M; Gregori D; Tarzia V; Gerosa G; Bottio T. The impact of the exit site of left ventricle assist device power supply on infection incidence: a single center experience. J Heart Lung Transplant. 2016 Apr; 35(4):S363-364. Meeting abstract 1014
12. Bejko J; Bottio T; Bortolussi G; Carrozzini M; Tarzia V; Pittarello D; Di Gregorio G; Gerosa G. Efficacy and safety of paravertebral block analgesia versus general anaesthesia for ventricular assist device implantation. J Heart Lung Transplant. 2014; 33(4):S205. Meeting abstract 552
13. Tarzia V; Vasques F; Bortolussi G; Bejko J; Gallo M; Carrozzini M; Comisso M; Buratto E; De Franceschi M; Campello E; Spiezia L; Bottio T; Gerosa G. Different impact on the coagulation system of two continuous flow LVADs: axial versus centrifugal flow. J Heart Lung Transplant. 2013; 32(4):S177. Meeting abstract 472

**PARTECIPAZIONE  
A CONGRESSI**

23-25/11/2018 – 29<sup>th</sup> SICCH National Congress - Roma

Relatore: “ Impact of Continuous Flow Left Ventricular Assist Device on Graft Rejection and Donor-specific Antibodies Development After Heart Transplant”

18-20/10/2018 – EACTS 32<sup>nd</sup> Annual Meeting – Milano

Relatore: “ Impact of Continuous Flow Left Ventricular Assist Device on Graft Rejection and Donor-specific Antibodies Development After Heart Transplant”

26-29/08/2017 – ESC Congress 2017 – Barcellona

Relatore: “Allosensitization with new generation left ventricular assist device”

07-09/06/2017 – SF2H XXVIII Congrès National de la société Française d'Hygiène Hospitalière – Nizza

Relatore: "Comparison of efficacy and cost of iodine impregnated drape vs. standard drape in cardiac surgery: study in 5100 patients"

29/04-02/05/2017 – ESC Heart Failure, 4<sup>th</sup> World Congress on Acute Heart Failure – Parigi

Relatore: "Heart transplantation: to bridge or not to bridge" e "Allosensitization with new generation left ventricular assist device"

05-08/04/2017 – ISHLT 37<sup>th</sup> Annual Meeting – San Diego

Relatore: "Allosensitization in New Generation Left Ventricular Assist Device Recipients"

22-24/06/2016 – ECHSA-CHSS 4<sup>th</sup> joint meeting – Venezia

Uditore

15-18/10/2015 – XLV SICP-SICCHPED National Congress – Napoli

Relatore: "Forty-year experience with surgical repair of congenital mitral valve stenosis"

03-07/10/2015 – 29<sup>th</sup> EACTS Annual Meeting – Amsterdam

Relatore: "Forty-year experience with surgical repair of congenital mitral valve stenosis"

28-30/11/2014 – 27<sup>th</sup> SICCH National Congress – Roma

Relatore: "Outcome of sternal wound dehiscences in diabetic patients: can VAC therapy play a role?"

11-15/10/2014 – 28<sup>th</sup> EACTS Annual Meeting – Milano

Relatore: "Twelve-year surgical experience with Type A aortic dissection: the impact of age on early and long-term outcomes"

16-19/10/2013 – XLIII SICP-SICCHPED National Congress – Padova

Relatore: "Early and long-term results of one and half ventricle repair in adult patients"

05-09/10/2013 – 27<sup>th</sup> EACTS Annual Meeting – Vienna

Relatore: "Impact of vacuum-assisted closure therapy on outcome of sternal wound dehiscence"

11-13/10/2012 – XLII SICP-SICCHPED National Congress – Jesi

Relatore: "The one and half ventricle repair: late outcomes and impact of

associated cardiac anomalies on clinical results”

**AFFILIAZIONE AD ASSOCIAZIONI**

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Membro European Association for Cardio-Thoracic Surgery (EACTS)  
Membro Società Italiana di Chirurgia Cardiaca (SICCH)

**ULTERIORI INFORMAZIONI**

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**Lingua madre** Italiano

<b>Altre lingue</b>	COMPRESIONE		PARLATO		SCRITTO
	Ascolto	Lettura	Interazione	Produzione orale	
Inglese	C1	C1	C1	B2	C1

**Competenze digitali** Avanzate

**Il sottoscritto Carrozzini Massimiliano, consapevole delle conseguenze penali in caso di dichiarazioni mendaci, sotto la propria personale responsabilità dichiara che quanto indicato nel presente curriculum formativo e professionale corrisponde a verità**

**Autorizzo il trattamento dei miei dati personali ai sensi del decreto legislativo 30 giugno 2003, n. 196 "codice in materia di protezione dei dati personali" e dell'art. 13 GDPR 679/16 – "Regolamento europeo sulla protezione dei dati personali"**

Milano, 01/02/2019