

CURRICULUM VITAE

Name and surname Luca GRANCINI
Place of birth
Date of birth

Current position:

Cardiologist and staff member of Catheterization laboratory of the Institute of Cardiology, University of Milan, Centro Cardiologico Monzino, Milan, Italy

Studies:

- 1981: Classical school certificate (58/60)
- 1987: Degree in Medicine and surgery at the University of Milan (110/110 cum laude)
- 1987: Qualification to practice the profession as a medical doctor
- 1991: Specialization in Cardiology at University of Milan (70/70 cum laude)

- Spoken languages: english, italian

PROFESSIONAL CURRICULUM:

- 1986-1987: Internal student at the Institute of Cardiology of the University of Milan
- 1987-1992: Internal assistant doctor at the Institute of Cardiology of the University of Milan
- 1993-2003: Assistant Cardiologist at the Institute of Cardiology of the University of Milan, Centro Cardiologico Monzino, I.R.C.C.S. where I start to work as invasive cardiology.
- From 2004: Orderly Cardiologist at the Institute of Cardiology of the University of Milan, Centro Cardiologico Monzino, I.R.C.C.S. Average of 200 PCI/year
- 2008-9: I started a CTO program in my cathlab under proctoring of prof. A.R.Galassi. Under his supervision I performed multiple complex CTO procedures (antegrade and retrograde)
- from 2010 till now: Fully dedicated to complex CTO procedures (antegrade and retrograde) in my hospital and in other Italian hospitals in quality of Terumo proctor. Excellent expertise in all the coronary techniques and devices. Standard expertise for peripheral interventions including carotid. No 'below the knee' experience. In 2018 successful completion of the Edwards SAPIEN 3 THV fundamentals training. Start of the training program in Mitra-Clip procedure.

DIDACTIC ACTIVITY:

From 1993: formal and tutorial activities at the Institute of Cardiology of the University of Milan

Use of a new diagnostic catheter for transradial internal mammary artery angiography early after minimally invasive coronary bypass.

Catheterization and Cardiovascular Interventions, 2000; 50: 371-374.

8: AL. Bartorelli, D.Trabattoni, M.Agrifoglio , S.Galli, **L.Grancini**, R.Spirito.

Endovascular repair of iatrogenic subclavian artery perforation using the Hemobahn stent-graft.

Journal of Endovascular Therapy 8:417-421, 2001.

9: AL.Bartorelli, D.Trabattoni, P.Montorsi, F.Fabbiocchi, S.Galli, P.Ravagnani, **L.Grancini**, S.Cozzi, A.Loaldi

Aspirin alone antiplatelet regimen after intracoronary placement of the Carbostent: The Antares study.

Catheterization and Cardiovascular Interventions 55:150-156, 2002.

10: P.Montorsi, S.Galli, F.Fabbiocchi, A.Loaldi, D.Trabattoni, **L.Grancini**, S.Cozzi, P.Ravagnani, O.Parodi, AL.Bartorelli.

Mechanism of cutting balloon angioplasty for in-stent restenosis: an intravascular ultrasound study.

Catheterization and Cardiovascular Interventions 56: 166-173, 2002.

11: AL.Bartorelli, **L.Grancini**, P.Montorsi, D.Trabattoni, F.Fabbiocchi.

Large coronary aneurysm complicated by acute myocardial infarction: combine intravascular ultrasound imaging and Doppler-flow assessment before and after PTFE-covered stent implantation.

The Journal of Invasive Cardiology 14: 452-456, 2002.

12: P.Montorsi, S.Galli, F.Fabbiocchi, D.Trabattoni, **L.Grancini**, P.Ravagnani, AL.Bartorelli

Different types of coronary artery wall injury following cutting balloon angioplasty.

Ital Heart J 3(11):676-81, 2002

13: Bartorelli AL, Trabattoni D, Montorsi P, Fabbiocchi F, Galli S, Ravagnani P, **Grancini L**,

Cozzi S, Loaldi A. Aspirin alone antiplatelet regimen after intracoronary placement of the Carbostent: the ANTARES study.

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Interv. 2002 Feb;55(2):150-6. PubMed PMID: 11835638.

14: Montorsi P, Galli S, Fabbiocchi F, Loaldi A, Trabattoni D, **Grancini L**, Cozzi S, Ravagnani P, Parodi O, Bartorelli AL.

Mechanism of cutting balloon angioplasty for in-stent restenosis: an intravascular ultrasound study.

Catheter Cardiovasc Interv. 2002 Jun;56(2):166-73. PubMed PMID: 12112907.

Myocardial perfusion imaging using dual-energy computed tomography: a clinical case. *Eur Heart J Cardiovasc Imaging*. 2013 Aug;14(8):835. doi: 10.1093/ehjci/jet034. Epub 2013 Mar 18. PubMed PMID: 23507513.

24: Bartorelli AL, Trabattoni D, Almonacid A, Fabbiochi F, Montorsi P, Galli S, **Grancini L**, Ravagnani P, Mintz GS, Kaplan AV, Popma JJ, Maehara A.

Serial intravascular ultrasound analysis of complex bifurcation coronary lesions treated with the Tryton Bifurcation Stent in conjunction with an everolimus-eluting stent: IUVENT (Intravascular Ultrasound Evaluation of Tryton Stent) study.

Catheter Cardiovasc Interv. 2015 Mar;85(4):544-53. doi: 10.1002/ccd.25629. Epub 2014 Aug 28.

25: **Grancini L**, Lualdi A, Boukhris M, Teruzzi G, Monizzi G, Galassi AR, Khamis H, Galli S, Montorsi P, Ravagnani P, Trabattoni D, Bartorelli AL.

Balloon anchoring intraluminal tracking technique: a new application of an old technique for coronary artery chronic total occlusion percutaneous intervention.

Coron Artery Dis. 2016 Aug;27(5):429-32. doi: 10.1097/MCA.0000000000000349. No abstract available. PubMed PMID: 26836379

26: Montorsi P, Galli S, Ravagnani PM, Tresoldi S, Teruzzi G, Caputi L, Trabattoni D, Fabbiochi F, Calligaris G, **Grancini L**, Lualdi A, de Martini S, Bartorelli AL.

Carotid Artery Stenting With Proximal Embolic Protection via a Transradial or Transbrachial Approach: Pushing the Boundaries of the Technique While Maintaining Safety and Efficacy.

J Endovasc Ther. 2016 Aug;23(4):549-60. doi: 10.1177/1526602816651424. Epub 2016 Jun 6. PMID:27270761

27: Teruzzi G, Calligaris G, Ravagnani P, Trabattoni D, **Grancini L**, Monizzi G, Lualdi A, Bartorelli AL.

[Peripartum spontaneous coronary artery dissection: a case report].

G Ital Cardiol (Rome). 2016 Oct;17(10 Suppl 1):24S-27. doi: 10.1714/2372.25478. Italian. PMID: 27729666

28: Bergonti M, Teruzzi G, Santagostino G, **Grancini L**, Ferrari C, Trabattoni D, Lualdi A, Bartorelli A.

Third- versus Second-Generation Stent Graft for Endovascular Aneurysm Repair: A Device-Specific Analysis.

Ann Vasc Surg. 2017 May 4. pii: S0890-5096(16)31033-0. doi: 10.1016/j.avsg.2017.03.176. [Epub ahead of print]. PMID: 28479470

29: Azzalini L, Demir OM, Gasparini GL, **Grancini L**, La Manna A, Ojeda S, Benincasa S, Bellini B, Poletti E, Maccagni D, Soldi M, Iannetta L, Trabattoni D, Gravina G, Hidalgo F, Giannini F, Pan M, Tamburino C, Bartorelli AL, Reimers B, Godino C, Carlino M, Colombo A. Outcomes of a novel thin-strut bioresorbable-polymer sirolimus-eluting stent in patients with chronic total occlusions: A

Perfusion Versus Fractional Flow Reserve CT Derived in Suspected Coronary Artery Disease: The PERFECTION Study. *JACC Cardiovasc Imaging*. 2019 Aug;12(8 Pt 1):1487-1497. doi: 10.1016/j.jcmg.2018.08.023. Epub 2018 Oct 17. PMID: 30343073.

35: Galassi AR, Werner GS, Boukhris M, Azzalini L, Mashayekhi K, Carlino M, Avran A, Konstantinidis NV, **Grancini L**, Bryniarski L, Garbo R, Bozinovic N, Gershlick AH, Rathore S, Di Mario C, Louvard Y, Reifart N, Sianos G. Percutaneous recanalisation of chronic total occlusions: 2019 consensus document from the EuroCTO Club. *EuroIntervention*. 2019 Jun 20;15(2):198-208. doi: 10.4244/EIJ-D-18-00826. PMID: 30636678.

36: Trabattoni D, Fabbiochi F, Montorsi P, Galli S, Ravagnani P, Calligaris G, Teruzzi G, **Grancini L**, Troiano S, Ferrari C, Bartorelli AL. A Long-Term Single-Center Registry of 6893 Patients Undergoing Elective Percutaneous Coronary Intervention With the Xience Everolimus-Eluting Stent. *J Invasive Cardiol*. 2019 May;31(5):146-151. Epub 2019 Jan 15. PMID: 30643041.

37: Pontone G, Baggiano A, Andreini D, Guaricci AI, Guglielmo M, Muscogiuri G, Fusini L, Soldi M, Del Torto A, Mushtaq S, Conte E, Calligaris G, De Martini S, Ferrari C, Galli S, **Grancini L**, Olivares P, Ravagnani P, Teruzzi G, Trabattoni D, Fabbiochi F, Montorsi P, Rabbat MG, Bartorelli AL, Pepi M. Dynamic Stress Computed Tomography Perfusion With a Whole-Heart Coverage Scanner in Addition to Coronary Computed Tomography Angiography and Fractional Flow Reserve Computed Tomography Derived. *JACC Cardiovasc Imaging*. 2019 Dec;12(12):2460-2471. doi: 10.1016/j.jcmg.2019.02.015. Epub 2019 Apr 17. PMID: 31005531.

38: Brilakis ES, Mashayekhi K, Tsuchikane E, Abi Rafeh N, Alaswad K, Araya M, Avran A, Azzalini L, Babunashvili AM, Bayani B, Bhindi R, Boudou N, Boukhris M, Božinović NŽ, Bryniarski L, Bufe A, Buller CE, Burke MN, Büttner HJ, Cardoso P, Carlino M, Christiansen EH, Colombo A, Croce K, Damas de Los Santos F, De Martini T, Dens J, Di Mario C, Dou K, Egred M, ElGuindy AM, Escaned J, Furkalo S, Gagnor A, Galassi AR, Garbo R, Ge J, Goel PK, Goktekin O, **Grancini L**, Grantham JA, Hanratty C, Harb S, Harding SA, Henriques JPS, Hill JM, Jaffer FA, Jang Y, Jussila R, Kalnins A, Kalyanasundaram A, Kandzari DE, Kao HL, Karpaliotis D, Kassem HH, Knaapen P, Kornowski R, Krestyaninov O, Kumar AVG, Laanmets P, Lamelas P, Lee SW, Lefevre T, Li Y, Lim ST, Lo S, Lombardi W, McEntegart M, Munawar M, Navarro Lecaro JA, Ngo HM, Nicholson W, Olivecrona GK, Padilla L, Postu M, Quadros A, Quesada FH, Prakasa Rao VS, Reifart N, Saghatelian M, Santiago R, Sianos G, Smith E, C Spratt J, Stone GW, Strange JW, Tammam K, Ungi I, Vo M, Vu VH, Walsh S, Werner GS, Wollmuth JR, Wu EB, Wyman RM, Xu B, Yamane M, Ybarra LF, Yeh RW, Zhang Q, Rinfret S. Guiding Principles for

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43: Monizzi G, **Grancini L**, Olivares P, Bartorelli AL. Case Report: Key Role of the Impella Device to Achieve Complete Revascularization in a Patient With Complex Multivessel Disease and Severely Depressed Left Ventricular Function. *Front Cardiovasc Med*. 2021 Dec 2;8:784912. doi: 10.3389/fcvm.2021.784912. PMID: 34926628; PMCID: PMC8674504.

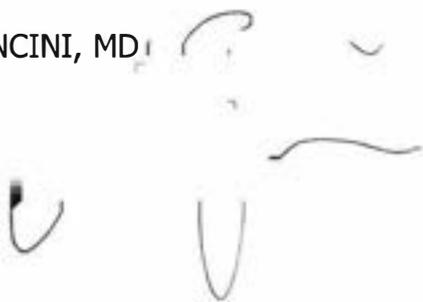
44: Bartorelli AL, Ferrari C, Olivares P, Monizzi G, **Grancini L**. Revival of a forgotten valve: use of the percutaneous clip for the treatment of tricuspid regurgitation. *Eur Heart J Suppl*. 2021 Oct 8;23(Suppl E):E19-E24. doi: 10.1093/eurheartj/suab081. PMID: 35233210; PMCID: PMC8876298.

45: Mastrangelo A, Monizzi G, Galli S, **Grancini L**, Ferrari C, Olivares P, Chiesa M, Calligaris G, Fabbocchi F, Montorsi P, Bartorelli AL. Intravascular Lithotripsy in Calcified Coronary Lesions: A Single-Center Experience in "Real-World" Patients. *Front Cardiovasc Med*. 2022 Feb 21;9:829117. doi: 10.3389/fcvm.2022.829117. PMID: 35265684; PMCID: PMC8900981.

Autorizzazione al trattamento dei dati personali ai sensi del Regolamento UE n.679/2016 e del Dlgs 2003 n. 196

Luca GRANCINI, MD

April 26, 2022

Handwritten signature of Luca Grancini, MD, consisting of a stylized 'L' and 'G' followed by a horizontal line.