

## Papers in peer-reviewed international journals

### -Springer International Publishing AG

Book: *"Drug-coated Balloons: Applications in Interventional Cardiology"*

Editor: **B. Cortese**.

Authors: J Granada, R Byrne, P. Agostoni, P. Stella, R. Mehran, F. Alfonso, S. Eccleshall, E. Stabile, M. Brodmann, A. Cremonesi, A. Micari, A. Latib, A. Colombo, P Silva Orrego, E. Stabile, B. Cortese. (in press)

### -EuroIntervention. 2018 Jul 10

"Coronary artery treatment with an urea-based paclitaxel-coated balloon: The European wide Falcon all comers DCB Registry (FALCON-Registry)."

Widder JD, Cortese B, Levesque S, Berliner D, Eccleshall S, Graf K, Doutrelant L, Ahmed J, Bressollette E, Zavalloni D, Piraino D, Roguin A, Scheller B, Stella PR, Bauersachs J.

### -Int J Cardiol. 2018 Sep 1;266:67-74.

"Full-plastic jacket" with everolimus-eluting Absorb bioresorbable vascular scaffolds: Clinical outcomes in the multicenter prospective RAI registry (ClinicalTrials.gov Identifier: NCT02298413).

Tarantini G, Masiero G, Fovino LN, Mojoli M, Varricchio A, Loi B, Gistri R, Misuraca L, Gabrielli G, Cortese B, Pisano F, Moretti L, Tumminello G, Olivari Z, Mazzarotto P, Colombo A, Calabrò P, Nicolino A, Tellaroli P, Corrado D, Durante A, Steffenino G; all RAI investigators.

### -JACC Cardiovasc Interv. 2018 May 28;11(10):967-968. doi: 10.1016/j.jcin.2018.04.024.

"Paclitaxel-Eluting Stents and Aneurysm Formation. A Worrisome Association."

Cortese B.

### -Cardiovasc Revasc Med. 2018 Apr 4. pii: S1553-8389(18)30094-0. doi:

10.1016/j.carrev.2018.03.005

"Clinical performance of a dedicated self-apposing stent for the treatment of left main stem disease. Results of the left Main Angioplasty with a Self-apposing StEnt - the MATISSE study."

Cortese B, Montefusco A, D'Ascenzo F, La Manna A, Andò G, Bisceglia T, Secco GG, Meyer-Gessner M, Wojciech W, Sganzerla P, Napodano M, Di Palma G, Latini RA, Tamburino C, Orrego PS, Baumbach A.

### -Egypt Heart J. 2018 Mar;70(1):55-56. doi: 10.1016/j.ehj.2017.12.006. Epub 2017 Dec 28

"Long-term efficacy of drug-coated balloon for renal artery in-stent restenosis."

Elwany M, Di Palma G, Cortese B.

### - J Am Coll Cardiol. 2018 Mar 20;71(11):1231-1242. doi: 10.1016/j.jacc.2018.01.033.

"Bivalirudin or Heparin in Patients Undergoing Invasive Management of Acute Coronary Syndromes."

Gargiulo G, Carrara G, Frigoli E, Vranckx P, Leonardi S, Ciociano N, Campo G, Varbella F, Calabrò P, Garducci S, Iannone A, Briguori C, Andò G, Crimi G, Limbruno U, Garbo R, Sganzerla P, Russo F, Lupi A, **Cortese B**, Ausiello A, Ierna S, Esposito G, Zavalloni D, Santarelli A, Sardella G, Tresoldi S, de Cesare N, Sciahbasi A, Zingarelli A, Tosi P, van 't Hof A, Omerovic E, Brugaletta S, Windecker S, Valgimigli M.

- **G Ital Cardiol (Rome). 2018 Feb;19(2):77-80. doi: 10.1714/2868.28938.**

["\[PCSK9 inhibitors: how to bridge the gap between scientific evidence and regulatory barriers?\]"](#)

**Cortese B**, Di Palma G, Lettieri C, Musumeci G.

-**Catheter Cardiovasc Interv. 2018 Mar 7. doi: 10.1002/ccd.27522.**

["Absorb bioresorbable vascular scaffold vs. everolimus-eluting metallic stent in small vessel disease: A propensity matched analysis of COMPARE II, RAI, and MAASSTAD-ABSORB studies."](#)

Tarantini G, Masiero G, Barioli A, Paradies V, Vlachoianis G, Tellaroli P, **Cortese B**, di Palma G, Varricchio A, Ielasi A, Loi B, Steffenino G, Ueshima D, Mojoli M, Smits P.

-**Heart Lung Circ. 2018 Feb 9. pii: S1443-9506(18)30029-5. doi: 10.1016/j.hlc.2017.07.014.**

["Coronary Artery Fistulae: Anatomy, Diagnosis and Management Strategies."](#)

Buccheri D, Chirco PR, Geraci S, Caramanno G, **Cortese B**.

- **Catheter Cardiovasc Interv. 2018 Feb 26. doi: 10.1002/ccd.27549.**

["Coronary sinus perforation during reducer implantation."](#)

**Cortese B**, di Palma G, Latini R.

- **Minerva Cardioangiol. 2018 Feb 19. doi: 10.23736/S0026-4725.18.04641-8.**

["Magic Touch: preliminary clinical evidence with a novel Sirolimus drug coated balloon."](#)

**Cortese B**, DI Palma G, Latini R.

- **J Cardiovasc Med (Hagerstown). 2018 May;19(5):247-252.**

["Treatment of coronary artery disease with a new-generation drug-coated balloon: final results of the Italian Elutax SV rEgistry-DCB-RISE."](#)

**Cortese B**, D'Ascenzo F, Fétiqueau R, Balian V, Blengino S, Fineschi M, Rogacka R, Lettieri C, Pavei A, D'Amico M, Poli A, Di Palma G, Latini RA, Orrego PS, Seregni R.

- **Int J Cardiol. 2018 May 1;258:50-54. doi: 10.1016/j.ijcard.2018.01.135.**

["Clinical findings after bioresorbable vascular scaffold implantation in an unrestricted cohort of patients with ST-segment elevation myocardial infarction \(from the RAI registry\)."](#)

Moscarella E, Ielasi A, Varricchio A, De Angelis MC, Loi B, Tarantini G, Calabrò P, **Cortese B**, Mazzarotto P, Gabrielli G, Pisano F, Facchin M, Misuraca L, Lucci V, Gistri R, Tumminello G, Moretti L, Colombo A, Durante A, Fineschi M, Piraino D, Ferrario M, Coscarelli S, Nicolino A, Tespili M, Corrado D, Steffenino G.

-**Am Heart J. 2018 Feb;196:113-118. doi: 10.1016/j.ahj.2017.10.014.**

["Determinants of radiation dose during right transradial access: Insights from the RAD-MATRIX study."](#)

Sciahbasi A, Frigoli E, Sarandrea A, Calabrò P, Rubartelli P, **Cortese B**, Tomassini F, Zavalloni D, Tebaldi M, Calabria P, Rigattieri S, Zingarelli A, Sardella G, Lupi A, Rothenbühler M, Heg D, Valgimigli M.

**-Future Cardiol. 2018 Mar;14(2):165-179. doi: 10.2217/fca-2017-0068.**

["Treatment of coronary bifurcation lesions: current knowledge and future perspectives."](#)

Elwany M, Palma GD, **Cortese B**.

**- Catheter Cardiovasc Interv. 2018 Jan 22. doi: 10.1002/ccd.27473.**

["Bioresorbable vascular scaffold versus everolimus-eluting stents or drug eluting balloon for the treatment of coronary in-stent restenosis: 1-Year follow-up of a propensity score matching comparison \(the BIORESOLVE-ISR Study\)."](#)

Moscarella E, Tanaka A, Ielasi A, **Cortese B**, Coscarelli S, De Angelis MC, Piraino D, Latib A, Grigis G, Bianchi R, Buccheri D, Calabrò P, Tespili M, Silva Orrego P, Colombo A, Varricchio A.

**-JACC Cardiovasc Interv. 2018 Jan 8;11(1):36-50.**

["Impact of Sex on Comparative Outcomes of Radial Versus Femoral Access in Patients With Acute Coronary Syndromes Undergoing Invasive Management: Data From the Randomized MATRIX-Access Trial."](#)

Gargiulo G, Ariotti S, Vranckx P, Leonardi S, Frigoli E, Ciociano N, Tumscitz C, Tomassini F, Calabrò P, Garducci S, Crimi G, Andò G, Ferrario M, Limbruno U, **Cortese B**, Sganzerla P, Lupi A, Russo F, Garbo R, Ausiello A, Zavalloni D, Sardella G, Esposito G, Santarelli A, Tresoldi S, Nazzaro MS, Zingarelli A, Petronio AS, Windecker S, da Costa BR, Valgimigli M.

**-Cardiovasc Revasc Med. 2017 Nov 10. pii: S1553-8389(17)30407-4.**

["Left-main restenosis in the DES era-a call for action."](#)

di Palma G, **Cortese B**.

**-EuroIntervention. 2017 Oct 3. pii: EIJ-D-17-00443. doi: 10.4244/EIJ-D-17-00443.**

*"One-Year Clinical Outcomes After Unrestricted Implantation of Absorb Bioresorbable Scaffold (RAI Registry)."*

Ielasi A, **Cortese B**, Moscarella E, Loi B, Tarantini G, Varricchio A, Pisano F, Durante A, Pasquetto G, Colombo A, Tumminello G, Moretti L, Calabrò P, Mazzarotto P, Tespili M, Corrado D, Steffenino G.

**-JACC Cardiovasc Interv. 2017 Sep 25;10(18):1855-1864. doi: 10.1016/j.jcin.2017.07.023.**

*"A Prospective Evaluation of a Pre-Specified Absorb BVS Implantation Strategy in ST-Segment Elevation Myocardial Infarction: The BVS STEMI STRATEGY-IT Study."*

Ielasi A, Campo G, Rapetto C, Varricchio A, **Cortese B**, Brugaletta S, Geraci S, Vicinelli P, Scotto di Uccio F, Secco GG, Poli A, Nicolini E, Ishida K, Latib A, Tespili M.

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*"Clinical, Angiographic, and Procedural Correlates of Acute, Subacute, and Late Absorb Scaffold Thrombosis."*

Ellis SG, Steffenino G, Kereiakes DJ, Stone GW, van Geuns RJ, Abizaid A, Nef H, **Cortese B**, Testa L, Menichelli M, Tamburino C, Gori T, Kimura T, Serruys PW, Brugaletta S, Sabaté M, Gao RL.

**-Cardiovasc Revasc Med. 2017 Aug 12. pii: S1553-8389(17)30259-2. doi: 10.1016/j.carrev.2017.08.001. [Epub ahead of print]**

*"Novel paclitaxel-coated scoring ballon for de novo complex coronary lesions-first report."*  
di Palma G, Cortese B.

**-J Thorac Dis. 2017 Aug;9(Suppl 9):S935-S939. doi: 10.21037/jtd.2017.06.82. Review.**

*"Occurrence and management of bioresorbable vascular scaffold failure in real-life studies."*  
Cortese B, Elwany M.

**-Coron Artery Dis. 2017 Aug;28(5):437-439. doi: 10.1097/MCA.0000000000000505.**

*"First-in-man demonstration of complete bioresorbable vascular scaffold resorption after treatment of in-stent restenosis."*

Moscarella E, Ielasi A, Cortese B, De Angelis MC, Varricchio A.

**-J Am Coll Cardiol. 2017 May 11. pii: S0735-1097(17)36897-3. doi:**

**10.1016/j.jacc.2017.02.070.**

*"Acute Kidney Injury After Radial or Femoral Access for Invasive Acute Coronary Syndrome Management: AKI-MATRIX."*

Andò G, Cortese B, Russo F, Rothenbühler M, Frigoli E, Gargiulo G, Briguori C, Vranckx P, Leonardi S, Guiducci V, Belloni F, Ferrari F, de la Torre Hernandez JM, Curello S, Liistro F, Perkan A, De Servi S, Casu G, Dellavalle A, Fischetti D, Micari A, Loi B, Mangiacapra F, Russo N, Tarantino F, Saia F, Heg D, Windecker S, Jüni P, Valgimigli M; MATRIX Investigators.

**-JACC Cardiovasc Interv. 2017 Jul 24;10(14):1469-1471. doi: 10.1016/j.jcin.2017.05.039.**

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Buccheri D, Zambelli G, Alfonso F, Cortese B.

**-J Endovasc Ther. 2017 Feb;24(1):169.**

*"True Competitor of Femoral Access for Iliac Endovascular Interventions."*

Elwany M, Di Palma G, Cortese B.

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*"Clinical and angiographic outcome of a single center, real world population treated with a dedicated technique of implantation for bioresorbable vascular scaffolds. The FAtebenefratelli Bioresorbable Vascular Scaffold (FABS) registry."*

Cortese B, di Palma G, Dendramis G, Cerrato E, Latini RA, Elwany M, Orrego PS, Seregini RG.

**-Catheter Cardiovasc Interv. 2017 May 22. doi: 10.1002/ccd.26957. [Epub ahead of print]**

Elwany M, Di Palma G, Cortese B.

*"Drug-coated balloons for the treatment of in-stent restenosis in diabetic patients: A review of currently available scientific data."*

Minacapelli A, Piraino D, Buccheri D, Cortese B.

**-EuroIntervention. 2017 Aug 4;13(5):e540-e548. doi: 10.4244/EIJ-D-17-00307.**

*"Bivalirudin infusion to reduce ventricular infarction: the open-label, randomised Bivalirudin Infusion for Ventricular InfArction Limitation (BIVAL) study."*

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**-Catheter Cardiovasc Interv. 2017 May 13. doi: 10.1002/ccd.27095. [Epub ahead of print]**  
*"Clinical outcomes of overlapping versus non-overlapping everolimus-eluting absorb bioresorbable vascular scaffolds: An analysis from the multicentre prospective RAI registry (ClinicalTrials.gov identifier: NCT02298413)."*

Tarantini G, Mojoli M, Masiero G, **Cortese B**, Loi B, Varricchio A, Gabrielli G, Durante A, Paschetto G, Calabrò P, Gistri R, Tumminello G, Misuraca L, Pisano F, Ielasi A, Mazzarotto P, Coscarelli S, Lucci V, Moretti L, Nicolino A, Colombo A, Olivari Z, Fineschi M, Piraino D, Piatti L, Canosi U, Tellaroli P, Corrado D, Rovera C, Steffenino G; all RAI investigators.

**-EuroIntervention. 2017 Jul 20;13(4):424-431. doi: 10.4244/EIJ-D-17-00246.**

*"One-year clinical results of the Italian diffuse/multivessel disease ABSORB prospective registry (IT-DISAPPEARS)."*

Testa L, De Carlo M, Petrolini A, Rapetto C, Varbella F, **Cortese B**, Gabrielli G, Geraci S, Loi B, Boccuzzi G, Tarantini G, Fischetti D, Calabria P, Tomai F, Ribichini F, Tamburino C, Indolfi C, Bartorelli AL, Petronio AS, Bedogni F.

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**-Heart Lung Circ. 2017 Mar 3. pii: S1443-9506(17)30083-5. doi: 10.1016/j.hlc.2017.01.018.**

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Buccheri D, **Cortese B**.

**-Catheter Cardiovasc Interv. 2017 Mar 15. doi: 10.1002/ccd.26995. [Epub ahead of print]**

*"Fracture with the newer bioresorbable vascular scaffolds."*

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**-J Am Coll Cardiol. 2017 Mar 15. pii: S0735-1097(17)36042-4. doi: 10.1016/j.jacc.2017.03.018. [Epub ahead of print]**

*"Radiation Exposure and Vascular Access in Acute Coronary Syndromes: The RADMatrix Trial."*

Sciahbasi A, Frigoli E, Sarandrea A, Rothenbühler M, Calabrò P, Lupi A, Tomassini F, **Cortese B**, Rigattieri S, Cerrato E, Zavalloni D, Zingarelli A, Calabria P, Rubartelli P, Sardella G, Tebaldi M, Windecker S, Jüni P, Heg D, Valgimigli M.

**-Cardiovasc Revasc Med. 2017 Mar 25. pii: S1553-8389(17)30109-4. doi: 10.1016/j.carrev.2017.03.025. [Epub ahead of print]**

*"Immediate and short-term performance of a novel sirolimus-coated balloon during complex percutaneous coronary interventions. The FAtebenefratelli Sirolimus COated-balloon (FASICO) registry."*

**Cortese B**, di Palma G, Latini RA, Elwany M, Orrego PS, Seregni RG.

**-JACC Cardiovasc Interv. 2017 Apr 10;10(7):743-745. doi: 10.1016/j.jcin.2017.01.038.**

*"Bioresorbable Vascular Scaffolds as a Treatment Option for Left Main Lesions."*

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**-Cardiovasc Revasc Med. 2017 Mar 25. pii: S1553-8389(17)30104-5. doi: 10.1016/j.carrev.2017.03.020. [Epub ahead of print]**

*"First experience of drug-coated balloons for treatment of bioresorbable vascular scaffold restenosis."*

Elwany M, Latini RA, Di Palma G, Orrego PS, **Cortese B**.

**-G Ital Cardiol (Rome). 2017 Feb;18(2 Suppl 1):22S-30S. doi: 10.1714/2657.27245. Italian.**

*"New technologies and applications for drug-coated balloons."*

**Cortese B**, Di Palma G, Nerla R, Micari A.

**-Am J Cardiol. 2017 Jun 15;119(12):1924-1930**

*"Thirty-Day Outcomes After Unrestricted Implantation of Bioresorbable Vascular Scaffold (from the Prospective RAI Registry)."*

**Cortese B**, Ielasi A, Moscarella E, Loi B, Tarantini G, Pisano F, Durante A, Pasquetto G, Colombo A, Tumminello G, Moretti L, Calabrò P, Mazzarotto P, Varricchio A, Tespili M, Latini RA, Defilippi G, Corrado D, Steffenino G; RAI Investigators..

**-J Thorac Dis. 2017 Mar;9(3):417-418. doi: 10.21037/jtd.2017.03.05.**

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Buccheri D, Caramanno G, Geraci S, **Cortese B**.

**Catheter Cardiovasc Interv. 2017 May 2. doi: 10.1002/ccd.27087. [Epub ahead of print]**

*"Transradial versus transfemoral ancillary approach in complex structural, coronary, and peripheral interventions. Results from the multicenter ancillary registry: A study of the Italian Radial Club."*

**Cortese B**, Rigattieri S, Aranzulla TC, Russo F, Latib A, Burzotta F, Agostoni P, Ielasi A, Tarantino F, Sticchi A, Di Palma G, de Benedictis M, Trani C, Boccaletti R, Miccoli R, Valsecchi O, Colombo A.

**-J Am Coll Cardiol. 2017 Jan 17;69(2):176-185. doi: 10.1016/j.jacc.2016.10.055.**

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Piraino D, Cimino G, Buccheri D, Dendramis G, Andolina G, Cortese B.

**-J Am Coll Cardiol. 2016 Nov 1;68(18S):B176. doi: 10.1016/j.jacc.2016.09.572.**

*"Clinical outcome of coronary bifurcation management with a "fully bioresorbable" technique. Results of the multicentre BBS study."*

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**-J Am Coll Cardiol. 2016 Nov 1;68(18S):B168-B169. doi: 10.1016/j.jacc.2016.09.552.**

*"Bioresorbable vascular scaffold in chronic total coronary artery occlusions: results from the RAI registry."*

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*Insights from the Nanoluté Registry.*

Chodvadiya P, Cortese B.

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Buccheri D, Piraino D, Andolina G, Cortese B.

**-Int J Cardiol. 2017; 228:209-213**

*“Final shape of biovascular scaffolds and clinical outcome. Results from a multicenter all-comers study with intravascular imaging.”*

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**-Int J Cardiol. 2016 Dec 1;224:335-336.**

*“Acutely malapposed bioresorbable vascular scaffold during primary angioplasty for spontaneous coronary artery dissection: Is a no-metal strategy better?”*

Cortese B, Buccheri D.

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**- Expert Opin Drug Deliv. 2016 Oct 8.**

*“Drug-eluting balloons in coronary interventions: The quiet revolution?”*

Alfonso F, García-Guimarães M, Navarrete G, Cuesta J, Bastante T, Benedicto A, Rivero F, Cortese B.

**- British Medical Journal 2016;354:i4935**

*Bivalirudin or unfractionated heparin in patients with acute coronary syndromes managed invasively with and without ST elevation (MATRIX): randomised controlled trial*

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