

# Valentina De Regibus- Curriculum Vitae

## Informazioni personali

Valentina De Regibus

Data di nascita: 06 Marzo 1982

Nazionalità: Italiana

Sex: Female

## Esperienze lavorative

- 02/2023 – Dirigente Medico di I livello presso la Struttura Complessa di Cardiologia dell'Ospedale San Carlo Borromeo- ASST Santi Paolo e Carlo, Milano, Italy
- 07/2018 – 01/2023 – Dirigente Medico di I livello presso la Struttura Complessa di Cardiologia dell'Ospedale Maggiore ASST Crema, Italy
- 01/2017 – 06/2018 – Aritmologo presso la Divisione di Aritmologia, Maria Cecilia Hospital gruppo GVM, Cotignola, Italy
- 11/2015 – 07/2017 – Electrophysiology fellow presso Heart Rhythm Management Center, UZ Brussel-VUB, Belgium
- 01/2016 - 12/2016 – Incarico di prestazione d'opera intellettuale per collaborare alle attività di ricerca in svolgimento presso la S.C. Unità Coronarica e la S.C. Cardiologia, Policlinico San Matteo di Pavia
- 06/2014 - 10/2015 – Medico consulente per turni di guardia presso U.O. Cardiologia Riabilitativa, Fondazione Salvatore Maugeri Pavia
- 06/2014 – 11/2015 – Electrophysiology Fellow presso la Struttura Semplice di Elettrofisiologia, Dipartimento di Cardiologia, IRCCS Policlinico San Matteo, Pavia
- 06/2009 – 06/2014 – Specializzanda in Malattie dell'Apparato Cardiovascolare presso la Divisione di Cardiologia, IRCCS Policlinico San Matteo e Università degli Studi di Pavia con frequenza presso il Laboratorio di Elettrofisiologia, Ambulatorio Cardiomiopatie e Trapianto Cardiaco, Ambulatorio di Ecocardiografia, Unità di Cure Intensive Coronariche, Ambulatorio di Malattie Aritmogene Ereditarie, Reparto di cardiologia generale, Divisione di Cardiologia, IRCCS Policlinico San Matteo e Università degli Studi di Pavia
- 2009-2018– Iscrizione alla Federazione Medico Sportiva Italiana in qualità di Socio Aggregato

## Istruzione e formazione

- 07/2018 – PhD degree in medical sciences presso Vrije Universiteit Brussel, Belgium. Tesi dal titolo “Cryoballoon ablation”
- 11/2015 – 11/2017 – Postgraduate in Cardiac Electrophysiology and Pacing, Heart Rhythm Management Center, UZ Brussel-VUB
- 30/08/2017 – Certificazione ICH Good Clinical Practice
- 10/06/2015 – Master di II livello in Elettrofisiologia Ed Elettrostimolazione, Università degli Studi dell’Insubria, Varese, cum laude. Tesi dal titolo: “Ablazione transcateretere di aritmie sopraventricolari del cuore trapiantato: L’esperienza Pavese”
- 03/2015 – Accredimento in Elettrofisiologia, Clinical Competence AIAC
- 26/06/2014 – Specializzazione in Malattie dell’Apparato Cardiovascolare presso l’Università degli Studi di Pavia cum laude. Tesi dal titolo “Revisione di elettrodi endocavitari da stimolazione e da defibrillazione: incidenza di complicanze procedurali e out come clinico”.
- 02/2009 – Abilitazione alla professione di Medico Chirurgo
- 19/09/2008 – Laurea in Medicina e Chirurgia presso l’Università degli Studi di Pavia. Tesi in Cardiologia dal titolo “Fibrillazione Ventricolare durante Sindrome Coronarica Acuta: esiste una predisposizione genetica?”
- 2001 – Diploma di Maturità Scientifica – Liceo Scientifico A. Antonelli, Novara

## Abilità personali

Madre lingua – Italiano

Altre lingue – Inglese: conoscenza molto buona

Francese: conoscenza buona

Tedesco: conoscenza base

## Pubblicazioni

1. Rordorf R, **De Regibus V**, Bontempi L, De Ambroggi G, Mascioli G, Mazzone P, Anselmino M, Casella M, Lauretti M, Pelargonio G, Russo V, Vilotta M, Ziacchi M, Boriani G, Palmisano P, Themistoclakis S, D'Onofrio A, De Ponti R; AIAC Ricerca Investigator Network. Leadless pacemaker implantation in real-world clinical practice: An Italian survey promoted by the AIAC (Italian Association of Arrhythmology and Cardiac Pacing). J Arrhythm. 2025 Mar 24;41(2):e70045.
2. Chieffo E, D'Amore S, **De Regibus V**, Dossena C, Frigerio L, Taravelli E, Ferrazzano C, De Iulius P, Cacucci M, Landolina ME. Atrioventricular nodal reentry

- tachycardia treatment using CARTO 3 V7 activation mapping: a new era of slow pathway radiofrequency ablation is under coming. *Front Cardiovasc Med*. 2023 Sep 29;10:1144988. doi: 10.3389/fcvm.2023.1144988. eCollection 2023.
3. Cereda A, Lucreziotti S, Franchina AG, Laricchia A, **De Regibus V**, Conconi B, Carlà M, Spangaro A, Rocchetti M, Ponti L, Minardi A, Sala E, Sangiorgi GM, Tumminello G, Barbieri L, Carugo S, Aseni P. Systematic Review and Meta-Analysis of Oral Anticoagulant Therapy in Atrial Fibrillation Cancer Patients. *Cancers (Basel)*. 2023 Apr 30;15(9):2574. doi: 10.3390/cancers15092574.
  4. **De Regibus V**, Biffi M, Infusino T, Savastano S, Landolina M, Palmisano P, Foti R, Facchin D, Dello Russo A, Urraro F, Ziacchi M. Long-term follow-up of patients with a quadripolar active fixation left ventricular lead: An Italian multicenter experience. *J Cardiovasc Electrophysiol*. 2022 Jul;33(7):1567-1575.
  5. Rordorf R, Savastano S, Bontempi L, **De Regibus V**, Mulargia E, Baldi E, Iacopino S, Lunati MG, Curnis A. Leadless pacing in cardiac transplant recipients: Primary results of a multicenter case experience. *J Electrocardiol*. 2020 May-Jun;60:33-35. doi: 10.1016/j.jelectrocard.2020.03.010. Epub 2020 Mar 21.
  6. de Asmundis C, Mugnai G, Chierchia GB, Sieira J, Ströker E, Conte G, Rodriguez-Mañero M, Pappaert G, Van Dooren S, **De Regibus V**, La Meir M, Brugada P. Abnormally high risk of stroke in Brugada syndrome. *J Cardiovasc Med (Hagerstown)*. 2019 Feb;20(2):59-65.
  7. Martínez-Sande JL, Rodríguez-Mañero M, García-Seara J, Lago R, González-Melchor L, Kreidieh B, Iacopino S, **De Regibus V**, De Greef Y, Bruno S, Curnis A, Sieira J, Chierchia GB, Brugada P, González-Juanatey JR, de Asmundis C. Acute and long-term outcomes of simultaneous atrioventricular node ablation and leadless pacemaker implantation. *Pacing Clin Electrophysiol*. 2018 Nov;41(11):1484-1490.
  8. Choudhury R, Coutino HE, Darciuc R, Ströker E, **De Regibus V**, Mugnai G, Paparella G, Terasawa M, Varnavas V, Salghetti F, Iacopino S, Takarada K, Abugattas JP, Sieira J, Brugada P, de Asmundis C, Chierchia GB. Continuous monitoring after second-generation cryoballoon ablation for paroxysmal atrial fibrillation in patients with cardiac implantable electronic devices. *Heart Rhythm*. 2018 Aug 18. pii: S1547-5271(18)30815-4.
  9. **De Regibus V**, Pardeo A, Artale P, Petretta A, Filannino P, Iacopino S. Leadless pacemaker implantation after transcatheter lead extraction in complex anatomy patient. *Clin Case Rep*. 2018 Apr 19;6(6):1106-1108.
  10. Takarada K, Ströker E, Abugattas JP, **de Regibus V**, Coutiño HE, Lusoc I, Capulzini L, Sieira J, Mugnai G, Salghetti F, Choudhury R, Iacopino S, de Asmundis C, Brugada P, Chierchia GB. Impact of an additional right pulmonary vein on second-generation cryoballoon ablation for atrial fibrillation: a propensity matched score study. *J Interv Card Electrophysiol*. 2018 Apr 21.
  11. Coutiño HE, Takarada K, Sieira J, Abugattas JP, Salghetti F, **De Regibus V**, Ströker E, Brugada P, Iacopino S, de Asmundis C, Chierchia GB. Anatomical and procedural predictors of pulmonary vein stenosis in the setting of second-generation cryoballoon ablation. *J Cardiovasc Med (Hagerstown)*. 2018 Jun;19(6):290-296.
  12. Mugnai G, de Asmundis C, Iacopino S, Ströker E, Longobardi M, Negro MC, **De Regibus V**, Coutino-Moreno HE, Takarada K, Choudhury R, de Torres JPA, Storti

- C, Brugada P, Chierchia GB. Acute pericarditis following second-generation cryoballoon ablation for atrial fibrillation. *J Interv Card Electrophysiol*. 2018 Apr;51(3):279-284.
13. **De Regibus V**, Moran D, Chierchia GB, Brugada P, de Asmundis C. Leadless pacing in a young patient with cardioinhibitory vasovagal syncope. *Indian Pacing Electrophysiol J*. 2018 May-Jun;18(3):120-122. doi: 10.1016/j.ipej.2017.12.003. Epub 2017 Dec 21.
  14. Ströker E, Kupics K, de Asmundis C, Mugnai G, **De Regibus V**, De Cocker J, Stockman D, Iacopino S, Sieira-Moret J, Brugada P, Schwagten B, De Greef Y, Chierchia GB. Atrial fibrillation ablation with the second generation cryoballoon: Multicenter propensity score matched comparison between freezing strategies. *Int J Cardiol*. 2017 Nov 22. pii: S0167-5273(17)35978-8. doi: 10.1016/j.ijcard.2017.11.069.
  15. Abugattas JP, de Asmundis C, Iacopino S, Salghetti F, Takarada K, Coutiño HE, Ströker E, **De Regibus V**, de Greef Y, Brugada P, Sieira J, Chierchia GB. Phrenic nerve injury during right inferior pulmonary vein ablation with the second-generation cryoballoon: clinical, procedural, and anatomical characteristics. *Europace*. 2017 Nov 22. doi: 10.1093/europace/eux337. [Epub ahead of print]
  16. **De Regibus V**, Abugattas JP, Iacopino S, Mugnai G, Storti C, Conte G, Auricchio A, Ströker E, Coutiño HE, Takarada K, Salghetti F, Lusoc I, Capulzini L, Brugada P, de Asmundis C, Chierchia GB. Single Freeze per Vein Strategy with the Second Generation Cry-oballoon for Atrial Fibrillation: a Propensity Score Matched Study Between 180 and 240 seconds Application Time in a Large Cohort of Patients. *Europace*. 2017 Nov 2. doi: 10.1093/europace/eux279. [Epub ahead of print]
  17. Mugnai G, Hunuk B, Hernandez-Ojeda J, Stroker E, Velagic V, Ciconte G, **De Regibus V**, Coutino-Moreno HE, Takarada K, Choudhury R, Abugattas de Torres JP, Pappaert G, Chierchia GB, Brugada P, de Asmundis C. Role of Electrocardiographic Tpeak-Tend for the Prediction of Ventricular Arrhythmic Events in the Brugada Syndrome. *Am J Cardiol*. 2017 Jul 24. pii: S0002-9149(17)31178-5. doi: 10.1016/j.amjcard.2017.07.014. [Epub ahead of print]
  18. Coutiño HE, Abugattas JP, Levinstein M, Mugnai G, Moran D, **De Regibus V**, Ströker E, Takarada K, Choudhury R, Marroquín L, Salghetti F, Lusoc IE, Iacopino S, Sieira J, de Asmundis C, Brugada P, Chierchia GB. Role of the burden of premature atrial contractions during the blanking period following second-generation cryoballoon ablation in predicting late recurrences of atrial arrhythmias. *J Interv Card Electrophysiol*. 2017 Sep;49(3):329-335.
  19. Ströker E, Takarada K, de Asmundis C, Abugattas JP, Mugnai G, Velagić V, **De Regibus V**, Coutiño HE, Choudhury R, Iacopino S, De Greef Y, Tanaka K, Brugada P, Chierchia GB. Second-generation cryoballoon ablation in the setting of left common pulmonary veins: Procedural findings and clinical outcome. *Heart Rhythm*. 2017 Sep;14(9):1311-1318.
  20. Velagic V, Ströker E, de Asmundis C, Mugnai G, Iacopino S, **de Regibus V**, Abugattas JP, Coutiño HE, Takarada K, Choudhury R, Paparella G, De Greef Y, Brugada P, Chierchia GB. Clinical value of induction protocol after second

- generation cryoballoon ablation for paroxysmal atrial fibrillation. *Europace*. 2017 May 31. doi: 10.1093/europace/eux117. [Epub ahead of print]
21. **De Regibus V**, Iacopino S, Abugattas JP, Coutiño HE, Mugnai G, Storti C, Conte G, Auricchio A, Moran D, Ströker E, Marroquin L, Takarada K, Choudhury R, de Asmundis C, Brugada P, Chierchia GB. Single freeze strategy with the second-generation cryoballoon for atrial fibrillation: a multicenter international retrospective analysis in a large cohort of patients. *J Interv Card Electrophysiol*. 2017 Aug;49(2):173-180.
  22. Mugnai G, de Asmundis C, Iacopino S, Stroker E, Longobardi M, **De Regibus V**, Coutino-Moreno HE, Takarada K, Choudhury R, Abugattas de Torres JP, Storti C, Brugada P, Chierchia GB. Comparison of the Incidences of Complications After Second-Generation Cryoballoon Ablation of Atrial Fibrillation Using Vitamin K Antagonists Versus Novel Oral Anticoagulants. *Am J Cardiol*. 2017 Jul 15;120(2):223-229.
  23. Abugattas JP, Iacopino S, Moran D, **De Regibus V**, Takarada K, Mugnai G, Ströker E, Coutiño-Moreno HE, Choudhury R, Storti C, De Greef Y, Paparella G, Brugada P, de Asmundis C, Chierchia GB. Efficacy and safety of the second generation cryoballoon ablation for the treatment of paroxysmal atrial fibrillation in patients over 75 years: a comparison with a younger cohort. *Europace*. 2017 Apr 10. doi: 10.1093/europace/eux023. [Epub ahead of print]
  24. Mugnai G, Hünük B, Ströker E, Ruggiero D, Coutino-Moreno HE, Takarada K, **De Regibus V**, Choudhury R, Abugattas de Torres JP, Moran D, Iacopino S, Filannino P, Conte G, Sieira J, Poelaert J, Beckers S, Brugada P, de Asmundis C, Chierchia GB. Long-term outcome of pulmonary vein isolation in patients with paroxysmal atrial fibrillation and Brugada syndrome. *Europace*. 2017 Mar 9. doi: 10.1093/europace/euw428. [Epub ahead of print]
  25. **De Regibus V**, Iacopino S, Abugattas JP, Mugnai G, Moran D, Ströker E, Coutino HE, Takarada K, Choudhury R, Paparella G, Umbrain V, Brugada P, de Asmundis C, Chierchia GB. Repeat procedures using the second-generation cryoballoon for recurrence of atrial fibrillation after initial ablation with conventional radiofrequency. *J Interv Card Electrophysiol*. 2017 Aug;49(2):119-125.
  26. Takarada K, Overeinder I, de Asmundis C, Stroker E, Mugnai G, **de Regibus V**, Moran D, Coutino-Moreno H, Abugattas JP, Choudhury R, Ruggiero D, Paparella G, Iacopino S, Brugada P, Chierchia GB. Long-term outcome after second-generation cryoballoon ablation for paroxysmal atrial fibrillation - a 3-years follow-up. *J Interv Card Electrophysiol*. 2017 Jun;49(1):93-100.
  27. de Asmundis C, Mugnai G, Chierchia GB, Sieira J, Conte G, Rodriguez-Mañero M, Pappaert G, Czaplá J, Nijs J, La Meir M, Casado R, Ströker E, **De Regibus V**, Brugada P. Long-Term Follow-Up of Proband With Brugada Syndrome. *Am J Cardiol*. 2017 May 1;119(9):1392-1400.
  28. Moran D, **De Regibus V**, de Asmundis C, Takarada K, Mugnai G, Ströker E, Aryana A, Iacopino S, Ruggiero D, Coutiño-Moreno HE, Choudhury R, Abugattas JP, Hacioglu E, Paparella G, Brugada P, Chierchia GB. Second generation cryoballoon ablation for atrial fibrillation in young adults: midterm outcome in

- patients under 40 years of age. *Europace*. 2017 Jan 25. pii: euw395. doi: 10.1093/europace/euw395. [Epub ahead of print]
29. Iacopino S, Mugnai G, Takarada K, Paparella G, Ströker E, **De Regibus V**, Coutino-Moreno HE, Choudhury R, Abugattas de Torres JP, Brugada P, de Asmundis C, Chierchia GB. Second-generation cryoballoon ablation without the use of real-time recordings: A novel strategy based on a temperature-guided approach to ablation. *Heart Rhythm*. 2017 Mar;14(3):322-328.
  30. Coutiño HE, de Asmundis C, Mugnai G, Moran D, **De Regibus V**, Ströker E, Takarada K, Ruggiero D, Choudhury R, Beckers S, Van Gompel C, Poelaert J, Iacopino S, Filannino P, Brugada P, Chierchia GB. Repeat procedures after second-generation cryoballoon ablation as an index procedure for persistent atrial fibrillation: one-year follow-up. *J Interv Card Electrophysiol*. 2016 Dec;47(3):365-371.
  31. Mugnai G, Moran D, Ströker E, Ruggiero D, Coutino-Moreno HE, Takarada K, **De Regibus V**, Choudhury R, Iacopino S, Filannino P, Umbrain V, Beckers S, Brugada P, de Asmundis C, Chierchia GB. Cryoballoon ablation during atrial fibrillation is associated with faster temperature drop and lower freezing temperatures. *J Interv Card Electrophysiol*. 2016 Dec;47(3):357-364.
  32. Savastano S, Rordorf R, Scotti Foglieni A, Klersy C, Vicentini A, Petracci B, Sanzo A, Marino R, Taravelli E, **De Regibus V**, Landolina M, De Servi S. Submammary device implantation. Good long-term performance and better patients' satisfaction. A single-center experience. *Int J Cardiol*. 2016 Oct 15;221:820-6. doi: 10.1016/j.ijcard.2016.07.124.
  33. Mugnai G, de Asmundis C, Ströker E, Hünük B, Moran D, Ruggiero D, **De Regibus V**, Coutino-Moreno HE, Takarada K, Choudhury R, Poelaert J, Verborgh C, Brugada P, Chierchia GB. Femoral venous pressure waveform as indicator of phrenic nerve injury in the setting of second-generation cryoballoon ablation. *J Cardiovasc Med (Hagerstown)*. 2017 Jul;18(7):510-517.
  34. Regoli F, Bongiorno MG, Rordorf R, Santamaria M, Klersy C, Segreti L, **De Regibus V**, Moccetti T, Conte G, Caputo ML, Auricchio A. High recurrence of device-related adverse events following transvenous lead extraction procedure in patients with cardiac resynchronization devices. *Eur J Heart Fail*. 2016 Oct;18(10):1270-1277. doi: 10.1002/ejhf.558.
  35. **De Regibus V**, Mugnai G, Moran D, Hünük B, Ströker E, Hacıoglu E, Ruggiero D, Coutiño-Moreno HE, Takarada K, Brugada P, DE Asmundis C, Chierchia GB. Second-Generation Cryoballoon Ablation in the Setting of Lone Paroxysmal Atrial Fibrillation: Single Procedural Outcome at 12 Months. *J Cardiovasc Electrophysiol*. 2016 Jun;27(6):677-82. doi: 10.1111/jce.12973.
  36. Mugnai G, de Asmundis C, Hünük B, Ströker E, Moran D, Hacıoglu E, Ruggiero D, Poelaert J, Verborgh C, Umbrain V, Beckers S, Coutino-Moreno HE, Takarada K, **De Regibus V**, Brugada P, Chierchia GB. Improved visualisation of real-time recordings during third generation cryoballoon ablation: a comparison between the novel short-tip and the second generation device. *J Interv Card Electrophysiol*. 2016 Sep;46(3):307-14. doi: 10.1007/s10840-016-0114-9.

- 37. De Regibus V**, Rordorf R, Giorgianni C, Canclini C, Vicentini A, Taravelli E, Petracci B, Savastano S, De Servi S, Arbustini E. Autosomal recessive atrial disease presenting with sick sinus syndrome (SSS), right atrial fibrosis and biatrial dilatation: Clinical impact of genetic diagnosis. *Int J Cardiol.* 2016 Apr 1;208:67-9. doi: 10.1016/j.ijcard.2016.01.160.
- 38. Rordorf R**, Chieffo E, Savastano S, Vicentini A, Petracci B, **De Regibus V**, Valentini A, Klersy C, Dore R, Landolina M. Anatomical mapping for atrial fibrillation ablation: a head-to-head comparison of ultrasound-assisted reconstruction versus fast anatomical mapping. *Pacing Clin Electrophysiol.* 2015 Feb;38(2):187-95. doi: 10.1111/pace.12539.
- 39. Rordorf R**, Savastano S, Sanzo A, Spazzolini C, De Amici M, Camporotondo R, Ghio S, Vicentini A, Petracci B, **De Regibus V**, Taravelli E, Landolina M, Schwartz PJ. Tumor necrosis factor- $\alpha$  predicts response to cardiac resynchronization therapy in patients with chronic heart failure. *Circ J.* 2014;78(9):2232-9.
- 40. De Ferrari GM**, **De Regibus V**, Gionti V, Civardi D, Insolia R, Pedrazzini M, Gentilini D, Di Blasio A, Crotti L, Schwartz PJ. PREDESTINATION: PRimary vEntricular fibrillation and suDden dEath during a first myocardial iNfArctiON: Genetic basis in: *New Diagnostic, Therapeutic and Organizational Strategies for Acute Coronary Syndrome Patients*, Springer 2013: 85-97.
- 41. De Regibus V**, Gionti V, Crotti L, Cacciavillani L, Noussan P, Bassani F, Zacà V, Costalunga V, Galiuto L, Schwartz PJ, De Ferrari GM. Una storia familiare di morte cardiaca improvvisa e un intervallo QT prolungato predispongono allo sviluppo di fibrillazione ventricolare primaria in corso di primo infarto miocardico acuto. Abstract Book of the 73th Italian Cardiology Society (SIC), Roma, December 2012.
- 42. Rordorf R**, Poggio L, Vicentini A, Petracci B, Savastano S, Chieffo E, Striuli L, **De Regibus V**, Landolina M. Failure of implantable cardioverter-defibrillator leads: is it a matter of lead size?. *HeartRhythm J* 2012; 9-5S: AB27-04.
- 43. Crotti L**, De Ferrari GM, Insolia R, **De Regibus V**, Pedrazzini M, Cuoretti A, Girardengo G, Schwartz PJ. NOS1AP and the risk of lethal arrhythmias in the acute phase of a first myocardial infarction. *European Heart Journal* 2010;31 ( Abstract Supplement ), 1038.
- 44. De Regibus V**, Crotti L, De Ferrari GM, Insolia R, Ghidoni A, Mugione A, Girardengo G, Schwartz PJ. Fibrillazione ventricolare durante un primo infarto del miocardio: ruolo del gene NOS1AP. Abstract Book of the 71th Italian Cardiology Society (SIC), Roma, December 2010.

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