

Curriculum Vitae

Professor Christophe Leclercq, MD, PhD, FESC, FEHRA

President-Elect candidacy



Year of Birth

1961

Present Position

Professor of Cardiology

Head of the Department of Cardiology in Rennes University Hospital, France

Training and Education

- Fellowship in Cardiology in Rennes from 1985 to 1991
- Tours University Medical School from 1978 to 1985
- Research fellow in John Hopkins Hospital in Baltimore (USA) from 2000 to 2001

Post Graduate Degrees

- Professor of Cardiology from 2001
- PhD in 2000
- Associate Professor from 1999 to 2001
- Assistant Professor from 1992 to 1999

European Society of Cardiology Activities

- Member of the Strategic Plan task force 2022
- Member of the 2022-2024 ESC Board (ESC Vice-President)
- Member of the 2020-2022 ESC Board (EHRA President)
- Member of the 2016-2018 ESC Board (councilor)
- Member of the CRT Nucleus 2020-2022
- Member of the 2021 ESC Guidelines task force of the on cardiac pacing and cardiac resynchronization therapy
- Member of the ESC Guidelines committee 2016-2020
- Active speaker for Global Scientific Activities since 2013
- Member of the task force of the 2013 ESC guidelines on cardiac pacing and cardiac resynchronization therapy
- Member of the ESC Nominating committee in 2011
- Chair of the Congress Programme Committee's Arrhythmias section of the annual ESC congress 2012-2016
- Member of the Congress program Committee of the annual ESC congress 2010-2016

EHRA Activities

- EHRA Past-President 2022-2024
- EHRA President 2020-2022
- EHRA President-Elect 2018-2020
- Congress Scientific Program Chair of the EHRA 2018 Congress
- EHRA international coordinator 2015-2017
- EHRA secretary 2013-2015
- Member of the EHRA Executive Board and EHRA Board since 2013
- Co-Director of the EHRA Cardiac Pacing Course 2011-2013
- Member the EHRA Education committee 2009-2013

Other International Scientific Committee Participation

- President of the French Society of Cardiology 2022-2024
- Member of the Board of the French Society of Cardiology since 2009

- Member of the Congress Program Committee of the Heart Rhythm Association 2016-2018

Editorial Boards

- European Heart Journal
- EP Europace
- Journal of the American College of Cardiology
- Circulation

Fellowships

- FESC since 2002
- FEHRA since 2017

Major Research Interest

- Cardiac implantable electronic devices (Cardiac Pacing/Cardiac resynchronization therapy/Implantable cardioverter defibrillator/Implantable loop recorder)
- Arrhythmias
- Heart Failure

Major Publications. H-index: 79

- Cazeau S, Leclercq C, Lavergne T, Walker S, Varma C, Linde C, Garrigue S, Kappenberger L, Haywood G, Santini M, Daubert C. Clinical effects of multisite biventricular pacing in heart failure patients without classical pacemaker indications. *N Engl J Med* 2001; 344: 873- 80.
- Leclercq C, Faris O, Tunin R, Jonhson J, Kato R, Evans F, Spinelli J, Halperin H, Mc Veigh E, Kass D. Systolic improvement and mechanical resynchronization does not require electrical synchrony in the dilated failing heart with left bundle-branch block. *Circulation* 2002; 106 (14): 1760-3
- Leclercq C, Walker S, Linde C, Clementy, Marshall A, Ritter P, Djiane P, Mabo P, Levy T, Gadler F, Bailleul C, Daubert C. Comparative effects of permanent biventricular and right-univentricular pacing in heart failure patients with chronic atrial fibrillation. *Eur Heart J* 2002; 23: 1780-7
- Helm R, Leclercq C, Faris O, Ozturk C, Mc Veight E, Lardo A, Kass DA. Cardiac dyssynchrony analysis using circumferential versus longitudinal strain: implications for assessing cardiac resynchronization. *Circulation*. 2005; 111:2760-7.
- Leclercq C, Gadler F, Kranig W, Ellery S, Gras D, Lazarus A, Clementy J, Boulogne E, Daubert C; TRIP-HF (Triple Resynchronization In Paced Heart Failure Patients) Study Group. A randomized comparison of triple-site versus dual-site ventricular stimulation in patients with congestive heart failure. *J Am Coll Cardiol*. 2008; 51: 1455-62
- Gasparini M, Steinberg JS, Arshad A, Regoli F, Galimberti P, Rosier A, Daubert C, Leclercq C. Resumption of sinus rhythm in patients with heart failure and permanent atrial fibrillation undergoing cardiac resynchronization therapy: a longitudinal observational study. *Eur Heart J*. 2010; 8:976-83.
- Boriani G, Kranig W, Donal E, Calo L, Casella M, Delarche N, Lozano IF, Ansalone G, Biffi M, Boulogne E, Leclercq C. A Randomized Double-Blind Comparison of Biventricular Versus Left Ventricular Stimulation for Cardiac Resynchronization Therapy: The Biventricular Versus Left Univentricular Pacing with Icd Back-up in Heart Failure Patients (B-Left Hf) Trial. *Am Heart J* 2010; 159: 1052-8.
- Brignole M, Auricchio A, Baron-Esquivias G, Bordachar P, Boriani G, Breithardt OA, Cleland J, Deharo JC, Delgado V, Elliott PM, Gorenek B, Israel CW, Leclercq C, Linde C, Mont L, Padeletti L, Sutton R, Vardas PE. 2013 ESC guidelines on cardiac pacing and cardiac resynchronization therapy. *Europace*. 2013;15: 1070-118.
- Gasparini M, Leclercq C, Lunati M, Landolina M, Auricchio A, Santini M, Boriani G, Lamp B, Proclemer A, Curnis A, Klersy C, Leyva F. Cardiac resynchronization therapy in patients with atrial fibrillation: the CERTIFY study (Cardiac Resynchronization Therapy in Atrial Fibrillation Patients Multinational Registry). *JACC Heart Fail*. 2013; 1: 500-7.
- Steffel J, Leclercq C. Mechanical dyssynchrony in CRT: still searching for the Holy Grail. *Eur Heart J*. 2014;35:13-5.
- Gasparini M, Leclercq C, Yu CM, Auricchio A, Steinberg JS, Lamp B, Klersy C, Leyva F. Absolute survival after cardiac resynchronization therapy according to baseline QRS duration: a multinational

10-year experience: data from the Multicenter International CRT Study. *Am Heart J.* 2014;167:203-209.

- Gasparini M, Klersy C, Leclercq C, Lunati M, Landolina M, Auricchio A, Santini M, Boriani G, Proclemer A, Leyva F. Validation of a simple risk stratification tool for patients implanted with Cardiac Resynchronization Therapy: the VALID-CRT risk score. *Eur J Heart Fail.* 2015; 17: 717-24.
- Rinaldi CA, Burri H, Thibault B, Curnis A, Rao A, Gras D, Sperzel J, Singh JP, Biffi M, Bordachar P, Leclercq C. A review of multisite pacing to achieve cardiac resynchronization therapy. *Europace.* 2015; 17: 7-17.
- Leclercq C, Dievart F, Ruschitzka F Peri-infarct pacing to prevent left reverse remodelling: an unvalidated concept? *Eur Heart J.* 2016;37:494-500. Leclercq C, Sadoul N, Mont L, Defaye P, Osca J, Mouton E, Isnard R, Habib G, Zamorano J, Derumeaux G, Fernandez-Lozano I; SEPTAL CRT Study investigators. Comparison of right ventricular septal pacing and right ventricular apical pacing in patients receiving cardiac resynchronization therapy defibrillators: the SEPTAL CRT Study. *Eur Heart J.* 2016;37: 473-83..
- Marijon E, Leclercq C, Narayanan K, Boveda S, Klug D, Lacaze-Gadonneix J, Defaye P, Jacob S, Piot O, Deharo JC, Perier MC, Mulak G, Hermida JS, Milliez P, Gras D, Cesari O, Hidden-Lucet F, Anselme F, Chevalier P, Maury P, Sadoul N, Bordachar P, Cazeau S, Chauvin M, Empana JP, Jouven X, Daubert JC, Le Heuzey JY; CeRtiTuDe Investigators. Causes-of-death analysis of patients with cardiac resynchronization therapy: an analysis of the CeRtiTuDe cohort study. *Eur Heart J.* 2015 in press.
- Duncker D, Delnoy PP, Nägele H, Mansourati J, Mont L, Anselme F, Stengel P, Anselmi F, Oswald H, Leclercq C. First clinical evaluation of an atrial haemodynamic sensor lead for automatic optimization of cardiac resynchronization therapy. *Europace.* 2015; 36: 2767-76
- Daubert C, Behar N, Martins RP, Mabo P, Leclercq C. Avoiding non-responders to cardiac resynchronization therapy: a practical guide. *Eur Heart J.* 2017; 38: 1463-1472
- Bordachar P, Gras D, Clementy N, Defaye P, Mondoly P, Boveda S, Anselme F, Klug D, Piot O, Sadoul N, Babuty D, Leclercq C. Clinical impact of an additional left ventricular lead in cardiac resynchronization nonresponders: the V³ trial. *Heart Rhythm.* 2018; 15: 870-87.
- Leclercq C, Galand V, Behar N, Martins R. I had a dream...*Eur J Heart Fail.* 2018; 20: 1482-1484.
- Leclercq C, Burri H, Curnis A, Delnoy PP, Rinaldi CA, Sperzel J, Lee K, Calò L, Vicentini A, Concha JF, Thibault B. Cardiac resynchronization therapy non-responder to responder conversion rate in the more response to cardiac resynchronization therapy with MultiPoint Pacing (MORE-CRT MPP) study: results from Phase I. *Eur Heart J.* 2019 ;40: 2979-2987
- Leclercq C, Galand V, Behar N, Martins R. From innovation to guideline implementation: a long way. *Eur J Heart Fail.* 2019; 21: 1114-1116.
- Dagues N, Peek N, Leclercq C, Hindricks G. The PROFID project. *Eur Heart J.* 2020; 41: 3781-3782
- Behar N, Galand V, Martins RP, Jacon P, Badenco N, Blangy H, Alonso C, Guy-Moyat B, El Bouazzaoui R, Lebon A, Giraudeau C, Marquie C, Leclercq C. Subcutaneous Implantable Cardioverter-Defibrillator Lead Extraction: First Multicenter French Experience. *JACC Clin Electrophysiol.* 2020; 6: 863-870.
- Nielsen JC, Lin YJ, de Oliveira Figueiredo MJ, Sepehri Shamloo A, Alfie A, Boveda S, Dagues N, Di Toro D, Eckhardt LL, Ellenbogen K, Hardy C, Ikeda T, Jaswal A, Kaufman E, Krahn A, Kusano K, Kutyla V, Lim HS, Lip GYH, Nava-Townsend S, Pak HN, Rodríguez Díez G, Sauer W, Saxena A, Svendsen JH, Vanegas D, Vaseghi M, Wilde A, Bunch TJ; ESC Scientific Document Group, Buxton AE, Calvimontes G, Chao TF, Eckardt L, Estner H, Gillis AM, Isa R, Kautzner J, Maury P, Moss JD, Nam GB, Olshansky B, Pava Molano LF, Pimentel M, Prabhu M, Tzou WS, Sommer P, Swampillai J, Vidal A, Deneke T, Hindricks G, Leclercq C. European Heart Rhythm Association (EHRA)/Heart Rhythm Society (HRS)/Asia Pacific Heart Rhythm Society (APHRS)/Latin American Heart Rhythm Society (LAHRS) expert consensus on risk assessment in cardiac arrhythmias: use the right tool for the right outcome, in the right population. *Europace.* 2020 1; 22: 1147-1148.
- Mullens W, Auricchio A, Martens P, Witte K, Cowie MR, Delgado V, Dickstein K, Linde C, Vernooy K, Leyva F, Bauersachs J, Israel CW, Lund L, Donal E, Boriani G, Jaarsma T, Berruezo A, Traykov V, Yousef Z, Kalarus Z, Cosedis Nielsen J, Steffel J, Vardas P, Coats A, Seferovic P, Edvardsen T, Heidbuchel H, Ruschitzka F, Leclercq C. Optimized Implementation of cardiac resynchronization therapy - a call for action for referral and optimization of care. *Europace.* 2021;23: 1324-42.

- Efficacy and Safety of an Extravascular Implantable Cardioverter-Defibrillator. Friedman P, Murgatroyd F, Boersma LVA, Manlucu J, O'Donnell D, Knight BP, Clémenty N, Leclercq C, Amin A, Merkely BP, Birgersdotter-Green UM, Chan JYS, Biffi M, Knops RE, Engel G, Muñoz Carvajal I, Epstein LM, Sagi V, Johansen JB, Sterliński M, Steinwender C, Hounshell T, Abben R, Thompson AE, Wiggenhorn C, Willey S, Crozier I; Extravascular ICD Pivotal Study Investigators. *N Engl J Med.* 2022;387: 1292-1302
- Wearables, telemedicine, and artificial intelligence in arrhythmias and heart failure: Proceedings of the European Society of Cardiology Cardiovascular Round Table. Leclercq C, Witt H, Hindricks G, Katra RP, Albert D, Belliger A, Cowie MR, Deneke T, Friedman P, Haschemi M, Lobban T, Lordereau I, McConnell MV, Rapallini L, Samset E, Turakhia MP, Singh JP, Svennberg E, Wadhwa M, Weidinger F. *Europace.* 2022; 24: 1372-1383.
- Cardiac resynchronization therapy non-responder to responder conversion rate in the MORE-CRT MPP trial. Leclercq C, Burri H, Delnoy PP, Rinaldi CA, Sperzel J, Calò L, Concha JF, Fusco A, Al Samadi F, Lee K, Thibault B. *Europace.* 2023;25: euad294. doi: 10.1093/europace/euad294.
- Adaptive versus conventional cardiac resynchronisation therapy in patients with heart failure (AdaptResponse): a global, prospective, randomised controlled trial. Wilkoff BL, Filippatos G, Leclercq C, Gold MR, Hersi AS, Kusano K, Mullens W, Felker GM, Kantipudi C, El-Chami MF, Essebag V, Pierre B, Philippon F, Perez-Gil F, Chung ES, Sotomonte J, Tung S, Singh B, Bozorgnia B, Goel S, Ebert HH, Varma N, Quan KJ, Salerno F, Gerritse B, van Wel J, Schaber DE, Fagan DH, Birnie D; AdaptResponse investigators. *Lancet.* 2023;402: 1147-1157.

