

CARDIOMYOPATHIES

[Diagnostic score of cardiac involvement in AL amyloidosis.](#)

Nicol M, Baudet M, Brun S, Harel S, Royer B, Vignon M, Lairez O, Lavergne D, Jaccard A, **Attias D, Macron L**, Gayat E, Cohen-Solal A, Arnulf B, Logeart D.
Eur Heart J Cardiovasc Imaging. 2020 May 1;21(5):542-548

[Antithrombotic Therapy for Patients With Left Ventricular Mural Thrombus.](#)

Lattuca B, Bouziri N, Kerneis M, Portal JJ, Zhou J, Hauguel-Moreau M, **Mameri A**, Zeitouni M, Guedeney P, Hammoudi N, Isnard R, Pousset F, Collet JP, Vicaut E, Montalescot G, Silvain J; ACTION Study Group.
J Am Coll Cardiol. 2020 Apr 14;75(14):1676-1685.

[The Impact of Patients With Cardiac Amyloidosis in HFpEF Trials.](#)

Oghina S, Bougouin W, Bézard M, Kharoubi M, Komajda M, Cohen-Solal A, Mebazaa A, Damy T, **Bodez D**.
JACC Heart Fail. 2021 Mar;9(3):169-178.

[Daratumumab is safe and induces a rapid hematological response in light-chain amyloidosis with severe cardiac impairment.](#)

Gounot R, Le Bras F, Dupuis J, Oghina S, **Bodez D**, Roulin L, Maarek A, Ladaique A, Beldi-Ferchiou A, Pouillot E, Molinier-Frenkel V, Haioun C, Damy T, Belhadj K, Lemonnier F.
Leuk Lymphoma. 2020 Nov 29:1-5.

[Extracardiac soft tissue uptake, evidenced on early ^{99m}Tc-HMDP SPECT/CT, helps typing cardiac amyloidosis and demonstrates high prognostic value.](#)

Malka N, Abulizi M, Kharoubi M, Oghina S, Galat A, Le Bras F, Moktefi A, Guendouz S, Molinier-Frenkel V, Fanen P, Funalot B, Lefaucheur JP, Blanc-Durand P, Deux JF, Audard V, **Bodez D**, Itti E, Damy T.
Eur J Nucl Med Mol Imaging. 2020 Sep;47(10):2396-2406

CORONAIRES

[Ticagrelor versus clopidogrel in elective percutaneous coronary intervention \(ALPHEUS\): a randomised, open-label, phase 3b trial.](#)

Silvain J, Lattuca B, Beygui F, Rangé G, Motovska Z, Dillinger JG, Boueri Z, Brunel P, Lhermusier T, Pouillot C, Larrieu-Ardilouze E, Boccara F, Labeque JN, Guedeney P, El Kasty M, Laredo M, Dumaine R, Ducrocq G, Collet JP, Cayla G, Blanchart K, Kala P, Vicaut E, Montalescot G; ALPHEUS investigators.
Lancet. 2020 Nov 28;396(10264):1737-1744 (**Dr Nejari, Dr Attias collaborateur**)

[Chimney Stenting for Coronary Occlusion During TAVR: Insights From the Chimney Registry.](#)

Mercanti F, Rosseel L, Neylon A, Bagur R, Sinning JM, Nickenig G, Grube E, Hildick-Smith D, Tavano D, Wolf A, Colonna G, Latib A, Mitomo S, Petronio AS, Angelillis M, Tchétché D, De Biase C, Adamo M, **Nejari M, Digne F**, Schäfer U, Amabile N, Achkouty G, Makkar RR, Yoon SH, Finkelstein A, Dvir D, Jones T, Chevalier B, Lefevre T, Piazza N, Mylotte D.
JACC Cardiovasc Interv. 2020 Mar 23;13(6):751-761

[Treatment with a dedicated bifurcation sirolimus-eluting cobalt-chromium stent for distal left main coronary artery disease: rationale and design of the POLBOS LM study.](#)

Asano T, Kogame N, Onuma Y, Modolo R, Chichareon P, Lefèvre T, Legutko J, **Digne F**, Morel MA, Serruys PW, Gil RJ. EuroIntervention. 2020 Oct 23;16(8):654-662

[Impact of Coronary Lesion Stability on the Benefit of Emergent Percutaneous Coronary Intervention After Sudden Cardiac Arrest.](#)

Pechmajou L, Marijon E, Varenne O, Dumas F, Beganton F, Jost D, Lamhaut L, Lecarpentier E, Loeb T, Agostinucci JM, Sideris G, **Riant E**, Baudinaud P, Hagege A, Bougouin W, Spaulding C, Cariou A, Jouven X, Karam N; Paris-Sudden Death Expertise Center Investigators†.
Circ Cardiovasc Interv. 2020 Sep;13(9):e009181

FERMETURE AURICULE G

[Reduced Rivaroxaban Dose Versus Dual Antiplatelet Therapy After Left Atrial Appendage Closure: ADRIFT a Randomized Pilot Study.](#)

Duthoit G, Silvain J, Marijon E, Ducrocq G, **Lepillier A**, Frere C, Dimby SF, Popovic B, Lellouche N, Martin-Toutain I, Spaulding C, Brochet E, **Attias D**, Mansourati J, Lorgis L, Klug D, Zannad N, Hauguel-Moreau M, Braik N, Deltour S, Ceccaldi A, Wang H, Hammoudi N, Brugier D, Vicaut E, Juliard JM, Montalescot G.
Circ Cardiovasc Interv. 2020 Jul;13(7):e008481

REANIMATION

[Venous Thrombosis Among Critically Ill Patients With Coronavirus Disease 2019 \(COVID-19\).](#)

Nahum J, Morichau-Beauchant T, Daviaud F, Echegut P, Fichet J, Maillet JM, Thierry S.
JAMA Netw Open. 2020 May 1;3(5):e2010478

[Pneumococcal purpura fulminans in asplenic or hyposplenic patients: a French multicenter exposed-unexposed retrospective cohort study.](#)

Contou D, Coudroy R, Colin G, Tadié JM, Cour M, Sonnevile R, Mekontso Dessap A, de Prost N; HOPEFUL Study Group. Crit Care. 2020 Feb 26;24(1):68 (**Dr Daviaud Collaborateur**)

[Hyperoxemia and excess oxygen use in early acute respiratory distress syndrome: insights from the LUNG SAFE study.](#)

Madotto F, Rezoagli E, Pham T, Schmidt M, McNicholas B, Protti A, Panwar R, Bellani G, Fan E, van Haren F, Brochard L, Laffey JG; LUNG SAFE Investigators and the ESICM Trials Group.
Crit Care. 2020 Mar 31;24(1):125. (**Dr Daviaud Collaborateur**)

[Clinical characteristics and day-90 outcomes of 4244 critically ill adults with COVID-19: a prospective cohort study.](#)

COVID-ICU Group on behalf of the REVA Network and the COVID-ICU Investigators.
Intensive Care Med. 2021 Jan;47(1):60-73. (**Dr Morichau-Beauchant et Dr Thierry Collaborateurs**)

RYTHMOLOGIE

[Mechanism of Recurrence of Atrial Tachycardia: Comparison Between First Versus Redo Procedures in a High-Resolution Mapping System.](#)

Tagigawa M, Derval N, Martin CA, Vlachos K, Denis A, Nakatani Y, Kitamura T, Cheniti G, Bourier F, Lam A, Martin R, Frontera A, Thompson N, Massoulié G, Wolf M, **Escande W**, André C, Zeng LJ, Roux JR, Duchateau J, Pambrun T, Sacher F, Cochet H, Hocini M, Haïssaguerre M, Jaïs P.
Circ Arrhythm Electrophysiol. 2020 Jan;13(1):e007273.

[Acute and mid-term outcome of ethanol infusion of vein of Marshall for the treatment of perimitral flutter.](#)

Tagigawa M, Vlachos K, Martin CA, Bourier F, Denis A, Kitamura T, Cheniti G, Lam A, Martin R, Frontera A, Thompson N, Massoulié G, Wolf M, **Escande W**, André C, Zeng LJ, Nakatani Y, Nakashima T, Pillois X, Ramirez D, Duchateau J, Pambrun T, Sacher F, Cochet H, Hocini M, Haïssaguerre M, Jaïs P, Derval N.
Europace. 2020 Aug 1;22(8):1252-1260

[Ventricular-triggered atrial pacing: A new maneuver for slow-fast atrioventricular nodal reentrant tachycardia.](#)

Duchateau J, Tixier R, Vlachos K, Nakatani Y, Ramirez FD, André C, **Escande W**, Chauvel R, Pambrun T, Derval N, Sacher F, Hocini M, Jaïs P, Haïssaguerre M.
Heart Rhythm. 2020 Jun;17(6):955-964.

[Reproducibility of pulmonary vein isolation guided by the ablation index: 1-year outcome of the AIR registry.](#)

Stabile G, **Lepillier A**, De Ruvo E, Scaglione M, Anselmino M, Sebag F, Pecora D, Gallagher M, Rillo M, Viola G, Rossi L, De Santis V, Landolina M, Castro A, Grimaldi M, Badenco N, Del Greco M, De Simone A, Pisanò E, Abbey S, Lamberti F, Pani A, Zucchelli G, Sgarito G, Dugo D, Bertaglia E, Strisciuglio T, Solimene F.
J Cardiovasc Electrophysiol. 2020 Jul;31(7):1694-1701

[Definition of success criteria for ablation of typical right atrial flutter with a single-catheter approach: A pilot study.](#)

Sebag FA, Simeon É, Moubarak G, Zhao A, Villejoubert O, Darondel JM, Vedrenne G, **Lepillier A**, Jorrot P, Mouhoub Y, Bouzeman A, Hamon D, Lellouche N, Mignot N.
Arch Cardiovasc Dis. 2020 Dec;113(12):791-796

[Extracorporeal cardiopulmonary resuscitation in out-of-hospital cardiac arrest: a registry study.](#)

Bougouin W, Dumas F, Lamhaut L, Marijon E, Carli P, Combes A, Pirracchio R, Aïssaoui N, Karam N, Deye N, Sideris G, Beganton F, Jost D, Cariou A, Jouven X; Sudden Death Expertise Center investigators.
Eur Heart J. 2020 Jun 1;41(21):1961-1971 (**Dr Piot collaborateur**)

[2019 ESC Guidelines for the management of patients with supraventricular tachycardiaThe Task Force for the management of patients with supraventricular tachycardia of the European Society of Cardiology \(ESC\).](#)

Brugada J, Katriotis DG, Arbelo E, Arribas F, Bax JJ, Blomström-Lundqvist C, Calkins H, Corrado D, Deffereos SG, Diller GP, Gomez-Doblas JJ, Gorenek B, Grace A, Ho SY, Kaski JC, Kuck KH, Lambiase PD, Sacher F, Sarquella-Brugada G, SuwalSKI P, Zaza A; ESC Scientific Document Group.
Eur Heart J. 2020 Feb 1;41(5):655-720 (**Dr Piot collaborateur**)

[Joint Position Paper of the Working Group of Pacing and Electrophysiology of the French Society of Cardiology and the French Society of Diagnostic and Interventional Cardiac and Vascular Imaging on magnetic resonance imaging in patients with cardiac electronic implantable devices.](#)

Gandjbakhch E, Dacher JN, Taieb J, Chauvin M, Anselme F, Bartoli A, Boyer L, Cassagnes L, Cochet H, Defaye P, Deharo JC, Dubourg B, Fauchier L, Gras D, Klug D, Laurent G, Mansourati J, Marijon E, Maury P, **Piot O**, Pontana F, Sacher F, Sadoul N, Jacquier A, Boveda S; Working Group of Pacing, Electrophysiology of the French Society of Cardiology, the French Society of Diagnostic, Interventional Cardiac, Vascular Imaging.
Arch Cardiovasc Dis. 2020 Jun-Jul;113(6-7):473-484.

[FRAGILE: FRENch Attitude reGistry in case of ICD LEad replacement.](#)

Alonso C, Marquie C, Defaye P, Clementy N, Mondoly P, Sadoul N, Boveda S, Hidden-Lucet F, Dompnier A, Da Costa A, Marijon E, Leclercq C, Caudron G, **Piot O**, Deharo JC.
Europace. 2020 Nov 30:euaa290

[Position paper concerning the competence, performance and environment required for the practice of ablation in children and in congenital heart disease.](#)

Maury P, Thambo JB, Maltret A, Combes N, Hascoet S, Derval N, Ladouceur M, Acar P, Amedro P, Anselm F, Bajolle F, Basquin A, Belli E, Bordachar P, Duthoit G, Di Filippo S, Fauchier L, Gandjbakhch E, Gras D, Gronier C, Karsenty C, Klug D, Koutbi L, Lacotte J, Laurent G, Laux D, Mansourati J, Marijon E, Ovaert C, Sacher F, Sadoul N, Taieb J, Waldmann V, Warinfresse K, Defaye P, **Piot O**, Boveda S; Working Group of Pacing, Electrophysiology of the French Society of Cardiology, the Affiliate Group of Paediatric, Adult Congenital Cardiology of the French Society of Cardiology. Arch Cardiovasc Dis. 2020 Aug-Sep;113(8-9):492-502

[Wearable cardioverter-defibrillator in patients with a transient risk of Sudden cardiac death: the WEARIT-France cohort study.](#)

Garcia R, Combes N, Defaye P, Narayanan K, Guedon-Moreau L, Boveda S, Blangy H, Bouet J, Briand F, Chevalier P, Cottin Y, Da Costa A, Degand B, Deharo JC, Eschalier R, Extramiana F, Goralski M, Guy-Moyat B, Guyomar Y, Hermida JS, Jourda F, Lellouche N, Mahfoud M, Manenti V, Mansourati J, Martin A, Pasquié JL, Ritter P, Rollin A, Tibi T, Yalioua A, Gras D, Sadoul N, **Piot O**, Leclercq C, Marijon E. Europace. 2020 Nov 30:euaa268

[Joint Position Paper of the Working Group of Pacing and Electrophysiology of the French Society of Cardiology \(SFC\) and the Société française d'imagerie cardiaque et vasculaire diagnostique et interventionnelle \(SFICV\) on magnetic resonance imaging in patients with cardiac electronic implantable devices.](#)

Dacher JN, Gandjbakhch E, Taieb J, Chauvin M, Anselme F, Bartoli A, Boyer L, Cassagnes L, Cochet H, Dubourg B, Fauchier L, Gras D, Klug D, Laurent G, Mansourati J, Marijon E, Maury P, **Piot O**, Pontana F, Sacher F, Sadoul N, Boveda S, Jacquier A; Working Group of Pacing, Electrophysiology of the French Society of Cardiology, Société française d'imagerie cardiaque et vasculaire diagnostique et interventionnelle (SFICV). Diagn Interv Imaging. 2020 Sep;101(9):507-517

[Early mortality after implantable cardioverter defibrillator: Incidence and associated factors.](#)

Garcia R, Boveda S, Defaye P, Sadoul N, Narayanan K, Perier MC, Klug D, Fauchier L, Leclercq C, Babuty D, Bordachar P, Gras D, Deharo JC, **Piot O**, Providencia R, Marijon E, Algalarrondo V; DAI-PP Investigators. Int J Cardiol. 2020 Feb 15;301:114-118

[Association Between Atrial Fibrillation and Sudden Cardiac Death: Pathophysiological and Epidemiological Insights.](#)

Waldmann V, Jouven X, Narayanan K, **Piot O**, Chugh SS, Albert CM, Marijon E. Circ Res. 2020 Jul 3;127(2):301-309.

[Focus on stereotactic radiotherapy: A new way to treat severe ventricular arrhythmias?](#)

Sacher F, Gandjbakhch E, Maury P, Jenny C, Khalifa J, Boveda S, Defaye P, Gras D, Klug D, Laurent G, Lellouche N, Mansourati J, Marijon E, **Piot O**, Taieb J, Cochet H, Maingon P, Pruvot E, Fauchier L; Working Group of Cardiac Pacing, Electrophysiology of the French Society of Cardiology. Arch Cardiovasc Dis. 2021 Jan 18:S1875-2136(20)30265-5

[Impact of Coronary Lesion Stability on the Benefit of Emergent Percutaneous Coronary Intervention After Sudden Cardiac Arrest.](#)

Pechmajou L, Marijon E, Varenne O, Dumas F, Beganton F, Jost D, Lamhaut L, Lecarpentier E, Loeb T, Agostinucci JM, Sideris G, Riant E, Baudinaud P, Hagege A, Bougouin W, Spaulding C, Cariou A, Jouven X, Karam N; Paris-Sudden Death Expertise Center Investigators†. Circ Cardiovasc Interv. 2020 Sep;13(9):e009181 (**Dr Piot collaborateur**)

[Relation of outcomes to ABC \(Atrial Fibrillation Better Care\) pathway adherent care in European patients with atrial fibrillation: an analysis from the ESC-EHRA EORP Atrial Fibrillation General Long-Term \(AFGen LT\) Registry.](#)

Proietti M, Lip GYH, Laroche C, Fauchier L, Marin F, Nabauer M, Potpara T, Dan GA, Kalarus Z, Tavazzi L, Maggioni AP, Boriani G; ESC-EORP Atrial Fibrillation General Long-Term Registry Investigators Group. Europace. 2020 Oct 2:euaa274 (**Dr Piot collaborateur**)

VALVE-STRUCTUREL

[Comparison Between ESC and Duke Criteria for the Diagnosis of Prosthetic Valve Infective Endocarditis.](#)

Philip M, Tessonier L, Mancini J, Mainardi JL, Fernandez-Gerlinger MP, **Lussato D, Attias D**, Cammilleri S, Weinmann P, Hagege A, Arregle F, Martel H, Oliver L, Camoin L, Casalta AC, Casalta JP, Gouriet F, Riberi A, Lepidi H, Raoult D, Drancourt M, Habib G.
JACC Cardiovasc Imaging. 2020 Dec;13(12):2605-2615

[Transcatheter mitral valve repair in patients with acute myocardial infarction: insights from the European Registry of MitraClip in Acute Mitral Regurgitation following an acute myocardial infarction \(EREMMI\).](#)

Estevez-Loureiro R, Adamo M, Arzamendi D, Denti P, Freixa X, Nombela-Franco L, Pascual I, Melica B, **Attias D**, Serrador A, Benito-González T, Iñiguez A, Fernández-Vázquez F.
EuroIntervention. 2020 Feb 20;15(14):1248-1250

[Outcomes of transfemoral balloon expandable transcatheter aortic valve implantation: Comparison of two subsequent valve generations.](#)

Schymik G, Wendler O, Hengstenberg C, Ohlmann P, Gilard M, **Digne F**, Souteyrand G, Letocart V, van Belle E, Bramlage P, Tarantini G; SOURCE 3 and SOURCE XT Investigators.
Catheter Cardiovasc Interv. 2020 Oct 1;96(4):930-939.

[Case report: takotsubo cardiomyopathy after transcatheter aortic valve-in-valve replacement.](#)

Steinecker M, Benvenuti C, Digne F, Nejari M.
Eur Heart J Case Rep. 2020 Dec 20;5(1):ytaa457.

[Management and Outcome of Patients Admitted with Tricuspid Regurgitation in France.](#)

Messika-Zeitoun D, Candolfi P, **Dreyfus J**, Burwash IG, Lung B, Philippon JF, Toussaint JM, Verta P, Feldman TE, Obadia JF, Vahanian A, Mesana T, Enriquez-Sarano M.
Can J Cardiol. 2020 Dec 20:S0828-282X(20)31178-8

[Isolated tricuspid valve surgery: impact of aetiology and clinical presentation on outcomes.](#)

Dreyfus J, Flagiello M, **Bazire B**, Eggenspieler F, Viau F, **Riant E**, Mbaki Y, Bohbot Y, Eyharts D, Senage T, Dubrulle H, Nicol M, Doguet F, **Nguyen V**, Coisne A, Le Tourneau T, Lavie-Badie Y, Tribouilloy C, Donal E, Tomasi J, Habib G, Selton-Suty C, Raffoul R, Lung B, Obadia JF, Messika-Zeitoun D.
Eur Heart J. 2020 Dec 1;41(45):4304-4317

[Reproducibility of reading echocardiographic parameters to assess severity of mitral regurgitation. Insights from a French multicentre study.](#)

Coisne A, Aghezzaf S, Edmé JL, Bernard A, Ma I, Bohbot Y, Di Lena C, Nicol M, Lavie Badie Y, Eyharts D, Seemann A, Falaise C, Ternacle J, Nguyen A, Montier G, Hubert A, Montaigne D, Donal E, **Dreyfus J.**
Arch Cardiovasc Dis. 2020 Oct;113(10):599-606

[EACVI communication paper: first international young dedicated multimodal cardiovascular imaging simulation education event organized by the ESC.](#)

Pezel T, Coisne A, Mahmoud-Elsayed H, Mandoli GE, Elgamal SM, Podlesnikar T, Cameli M, Grapsa J, Lafitte S, Edvardsen T, Donal E, **Dreyfus J.**
Eur Heart J Cardiovasc Imaging. 2020 Feb 1;21(2):124-126

[A Finite Element Analysis Study from 3D CT to Predict Transcatheter Heart Valve Thrombosis.](#)

Nappi F, Mazzocchi L, Timofeva I, Macron L, Morganti S, Avtaar Singh SS, **Attias D**, Congedo A, Auricchio F.
Diagnostics (Basel). 2020 Mar 26;10(4):183

[Bioengineering Case Study to Evaluate Complications of Adverse Anatomy of Aortic Root in Transcatheter Aortic Valve Replacement: Combining Biomechanical Modelling with CT imaging.](#)

Spadaccio C, Mazzocchi L, Timofeva I, **Macron L**, De Cecco CN, Morganti S, Auricchio F, Nappi F. Bioengineering (Basel). 2020 Oct 1;7(4):121.

[Valvular surgery in donor hearts before orthotopic heart transplantation](#)

Antonio Fiore, Antonino Massimiliano Grande, Giuseppe Gatti, Amir Youssari, Mariantonietta Piscitelli, Eric Bergoend, Nicolas Mongardon, Julien Ternacle, **Jean-Paul Couetil**

Arch Cardiovasc Dis 2020 Nov;113(11):674-678.

SCINTIGRAPHIE CCM

[Ventilation/perfusion SPECT/CT findings in different lung lesions associated with COVID-19: a case series.](#)

Cobes N, Guernou M, Lussato D, Queneau M, Songy B, Bonardel G, Grellier JF.

Eur J Nucl Med Mol Imaging. 2020 Sep;47(10):2453-2460

[FDG-PET biomarkers associated with long-term benefit from first-line immunotherapy in patients with advanced non-small cell lung cancer.](#)

Seban RD, Assie JB, Giroux-Leprieur E, Massiani MA, Soussan M, **Bonardel G**, Chouaid C, Playe M, Goldfarb L, Duchemann B, Girard N, Champion L.

Ann Nucl Med. 2020 Dec;34(12):968-974.

[Association of the Metabolic Score Using Baseline FDG-PET/CT and dNLR with Immunotherapy Outcomes in Advanced NSCLC Patients Treated with First-Line Pembrolizumab.](#)

Seban RD, Assié JB, Giroux-Leprieur E, Massiani MA, Soussan M, **Bonardel G**, Chouaid C, Playe M, Goldfarb L, Duchemann B, Mezquita L, Girard N, Champion L.

Cancers (Basel). 2020 Aug 10;12(8):2234.

[Images of COVID-19 Infection Cases in Asymptomatic or Paucisymptomatic Patients With Neoplastic Diseases on 18F-FDG PET/CT.](#)

Grellier JF, Lussato D, Guernou M, Queneau M, Bonardel G.

Clin Nucl Med. 2020 Dec;45(12):965-966

[Feasibility of simultaneous dual isotope acquisition for myocardial perfusion imaging with a cadmium zinc telluride camera.](#)

Songy B, Guernou M, Lussato D, Queneau M, Bonardel G, Grellier JF, Flahaut L, Nguyen D.

J Nucl Cardiol. 2020 Jun;27(3):737-747

[The Role of 18F-FDG PET/CT in Guiding Precision Medicine for Invasive Bladder Carcinoma.](#)

Girard A, Vila Reyes H, Shaish H, **Grellier JF**, Dercle L, Salaün PY, Delcroix O, Rouanne M.

Front Oncol. 2020 Oct 6;10:565086

[Brain 18FDG-PET pattern in patients with alcohol-related cognitive impairment.](#)

Clergue-Duval V, Questel F, Azuar J, Paquet C, Cognat E, Amami J, **Queneau M**, Dereux A, Barré T, Bellivier F, Farid K, Vorspan F. Eur J Nucl Med Mol Imaging. 2020 Feb;47(2):281-291