



# The 4<sup>th</sup> International Congress on Cardiac Problems in Pregnancy (CPP2016)

27 Feb - 1 March 2016  
LAS VEGAS, Nevada, USA

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## BIOGRAPHICAL SKETCH

NAME: Magalie LADOUCEUR

POSITION TITLE: M.D.

### EDUCATION/TRAINING

Paris Cardiovascular research Center, Paris Descartes University, Sorbonne Cité	PhD	11/2013	Myocardial function and imaging
Georges Pompidou European Hospital, Paris Descartes University, AP-HP, Paris, France.	Residency	2006 - 2009	Adult Congenital Heart Disease
Necker, AP-HP, Paris Descartes University, Paris, France.	Residency	2005-2006	Pediatric Cardiology
Assistance Publique des Hôpitaux de Paris, Paris Descartes University, Paris	Fellowship	2002-2005	Cardiology
Assistance Publique des Hôpitaux de Paris, Paris	Fellowship	2001 - 2002	Internal Medicine
INSTITUTION AND LOCATION	DEGREE (if applicable)	Completion Date MM/YYYY	FIELD OF STUDY
Georges Pompidou European Hospital, AP-HP, Paris, France. Necker Hospital, AP-HP, Paris France	M.D	10/2005	Adolescent and Adult Congenital Heart Disease

### A. Personal Statement.

Dr. Ladouceur is a cardiologist at European Hospital of George Pompidou and at Necker in Paris. Her clinical work and research involves adult and adolescent congenital heart disease, with special interest in imaging, heart failure and social activities. She has authored and co-authored numerous scientific publications on the outcome of congenital heart disease. She is board member of the working group on Congenital Heart Disease and Pediatric Cardiology in the French Society of Cardiology. Her investigations include the assessment of heart failure mechanisms in CHD using new imaging and biological biomarkers, and she is principal investigator of a study investigating heart failure in CHD. She has an interest in pregnancy in women with CHD, she participates in ROPAC registry, and she has published on this topic.



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## B. Positions and Honors.

### Professional Experience

- 11/2010 Pediatric Cardiologist, Necker Hospital, APHP-Paris Descartes University, Paris  
11/2010 ACHD Cardiologist, Georges Pompidou Hospital, APHP-Paris Descartes University, Paris  
11/2013 Researcher, Paris Cardiovascular Research Center, U970, Paris

### Past Professional Experience

- 2005-2006 Marfan syndrome consulting physician, Amboise Paré Hospital, Boulogne  
11/2010 – 10/2013 Guest Researchers, Laboratory of Functional Imaging, NIAID, NIH, Bethesda, MD

### Selected Honors, Awards, Committees

- 2005 Expert committee in Marfan Syndrome, French recommendations  
Jan 2015 Award, « Fetal and Maternal outcomes of pregnancy with Fontan Circulation », Fédération Française de Cardiologie-Journées Européennes de la Société Française de Cardiologie  
Jun 2013 Grant, Inter-team, « Biomarkers of myocardial fibrosis », Fédération Française de Cardiologie  
Jun 2009 Grant, « Mechanism of systemic RV failure : a MRI study », Fédération Française de Cardiologie, Master 1

## C. Selected peer-reviewed publications.

1. Clement Karsenty, Philippe Maury, Nathalie Blot-Souletie, Magalie Ladouceur, Bertrand Leobon, Valérie Senac, Pierre Mondoly, Meyer Elbaz, Michel Galinier, Yves Dulac, Didier Carrié, Philippe Acar, Sebastien Hascoet: *The medical history of adults with complex congenital heart disease affects their social development and professional activity*. Archives of cardiovascular diseases 09/2015; DOI:10.1016/j.acvd.2015.06.004
2. Amar M Salam, Ebru Ertekin, Iris M. van Hagen, Jassim Al Suwaidi, Titia P.E. Ruys, Mark R. Johnson, Lina Gumbiene, Alexandra A. Frogoudaki, Khaled A. Sorour, Laurence Iserin, Magalie Ladouceur, Carla C. van Oppen, Roger Hall, Jolien W. Roos-Hesselink: *Atrial Fibrillation or Flutter During Pregnancy in Patients With Structural Heart Disease: Data From the ROPAC (Registry on Pregnancy and Cardiac Disease)*. JACC Clinical Electrophysiology 08/2015; 1(4):284. DOI:10.1016/j.jacep.2015.04.013
3. Marielle Gouton, Jacky Nizard, Mehul Patel, François Sassolas, Maria Jimenez, Jelena Radojevic, Amel Mathiron, Pascal Amedro, Elise Barre, Fabien Labombarda, Guy Vaksman, Alain Chantepie, Laurianne Le Gloan, Magalie Ladouceur: *Maternal and fetal outcomes of pregnancy with Fontan circulation: A multicentric observational study*. International journal of cardiology 03/2015; 187(1):84-89. DOI:10.1016/j.ijcard.2015.03.344
4. Magalie Ladouceur, Nadja Kachenoura, Gilles Soulat, Emilie Bollache, Alban Redheuil, Christophe Delclaux, Gilles Chatellier, Michel Azizi, Pierre Boutouyrie, Damien Bonnet, Laurence Iserin, Elie Mousseaux: *Atrio-ventricular coupling in patients with transposition of the great arteries after atrial*



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- switch by Magnetic Resonance Imaging*. Journal of Cardiovascular Magnetic Resonance 02/2015; 17(1). DOI:10.1186/1532-429X-17-S1-Q94
5. Golmeh Ashrafpoor, Emilie Bollache, Alban Redheuil, Alain De Cesare, Alain Giron, Carine Defrance, Arshid Azarine, Ludivine Perdrix, Magalie Ladouceur, Benoît Diebold, Elie Mousseaux, Nadjia Kachenoura: *Age-specific changes in left ventricular diastolic function: A velocity-encoded magnetic resonance imaging study*. European Radiology 11/2014; 25(4). DOI:10.1007/s00330-014-3488-z
  6. Abdeslam Bouzeman, Eloi Marijon, Maxime de Guillebon, Magalie Ladouceur, Guillaume Duthoit, Denis Amet, Raphael Martins, Akli Otmani, Thomas Lavergne, Pierre Bordachar, David S. Celermajer, Jean-Benoit Thambo, Laurence Iserin, Nicolas Combes: *Implantable cardiac defibrillator among adults with transposition of the great arteries and atrial switch operation: Case series and review of literature*. International Journal of Cardiology 11/2014; 177(1):301–306. DOI:10.1016/j.ijcard.2014.09.015
  7. Sophie Malekzadeh-Milani, Magalie Ladouceur, Mehul Patel, Fazia-Marie Boughenou, Laurence Iserin, Damien Bonnet, Younes Boudjemline: *Incidence and predictors of Melody (R) valve endocarditis: A prospective study*. Archives of Cardiovascular Diseases 10/2014; 108(2). DOI:10.1016/j.acvd.2014.09.003
  8. Sophie Malekzadeh-Milani, Magalie Ladouceur, Laurence Iserin, Younes Boudjemline: *Percutaneous valvulation of failing Fontan: Rationale, acute effects and follow-up*. Archives of Cardiovascular Diseases 10/2014; 107(11). DOI:10.1016/j.acvd.2014.07.050
  9. M. Ladouceur, R. Cheurfi, C. Pagnon, S. Cohen, F. Bajolle, L. Iserin, P. Jourdain, D. Bonnet: *Evaluation of knowledge level of adolescents and adults with congenital heart disease: Effectiveness of a structured CHD education program in adolescents*. Archives of Cardiovascular Diseases 09/2014; 107(s 8–9):488. DOI:10.1016/j.acvd.2014.07.011
  10. Sophie Malekzadeh-Milani, Magalie Ladouceur, Laurence Iserin, Damien Bonnet, Younes Boudjemline: *Incidence and Outcomes of Right Sided Endocarditis in Congenital Heart Patients after Surgical or Transcatheter Pulmonary Valve Implantation*. Journal of Thoracic and Cardiovascular Surgery 08/2014; 7(1). DOI:10.1016/j.jtcvs.2014.07.097
  11. Sophie Malekzadeh-Milani, Magalie Ladouceur, Fanny Bajolle, Damien Bonnet, Younes Boudjemline: *Closure of Fontan fenestration with the use of covered stents: Short- and mid-term results in a cohort of 50 patients*. Cardiology in the Young 06/2014; 25(05):1-6. DOI:10.1017/S1047951114000894
  12. Magalie Ladouceur, Pierre Boutouyrie, Younes Boudjemline, Hakim Khettab, Alban Redheuil, Antoine Legendre, Sarah Cohen, Laurence Iserin, Damien Bonnet, Elie Mousseaux: *Response to Letter Regarding Article, "Unknown Complication of Arterial Switch Operation: Resistant Hypertension Induced by a Strong Aortic Arch Angulation"*. Circulation 12/2013; 128(25):e466-8. DOI:10.1161/CIRCULATIONAHA.113.002097
  13. Magalie Ladouceur, Laurence Iserin, Sarah Cohen, Antoine Legendre, Younes Boudjemline, Damien Bonnet: *Key issues of daily life in adults with congenital heart disease*. Archives of cardiovascular diseases 06/2013; 106(6-7). DOI:10.1016/j.acvd.2013.02.004
  14. Magalie Ladouceur, Sarah Cohen, Maud Bidet, Antoine Legendre, Laurence Iserin: *[Contraception and congenital heart disease]*. La Revue du praticien 03/2013; 63(3):377-9.
  15. Magalie Ladouceur, Florence Gillaizeau, Alban Redheuil, Laurence Iserin, Damien Bonnet, Younes Boudjemline, Elie Mousseaux: *Optimal follow-up in adult patients with congenital heart disease and chronic pulmonary regurgitation: Towards tailored use of cardiac magnetic resonance imaging*. Archives of cardiovascular diseases 01/2013; 106(1):27-35. DOI:10.1016/j.acvd.2012.10.003
  16. Laurence Iserin, Magalie Ladouceur, Sarah Cohen: *[Heart disease and pregnancy]*. La Revue du praticien 09/2012; 62(7):929-33, 936.
  17. Younes Boudjemline, Antoine Legendre, Magalie Ladouceur, Marie-Fazhia Boughenou, Mehul Patel, Damien Bonnet, Laurence Iserin: *Branch Pulmonary Artery Jailing With a Bare Metal Stent to Anchor a*



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- Transcatheter Pulmonary Valve in Patients With Patched Large Right Ventricular Outflow Tract.* Circulation Cardiovascular Interventions 04/2012; 5(2):e22-5.  
DOI:10.1161/CIRCINTERVENTIONS.112.968610
18. Elise Barre, Alban Redheuil, Magalie Ladouceur, Elie Mousseaux, Laurence Iserin: *Definitive diagnosis of ruptured sinus of Valsalva in a patient with ventricular septal defect using cardiac magnetic resonance imaging.* European Heart Journal Cardiovascular Imaging 01/2012; 13(4):364.  
DOI:10.1093/ejehococard/jer307
  19. Magalie Ladouceur, Nadjia Kachenoura, Muriel Lefort, Alban Redheuil, Damien Bonnet, David S Celermajer, Laurence Iserin, Elie Mousseaux: *Structure and function of the ascending aorta in palliated transposition of the great arteries.* International journal of cardiology 09/2011; 165(3).  
DOI:10.1016/j.ijcard.2011.08.847
  20. Magalie Ladouceur, Bertrand Dugardin, Stéphanie Gourdin, Daniel Sidi, Damien Bonnet, Laurence Iserin: *Loan applications in adult patients with congenital heart disease: A French study.* Archives of cardiovascular diseases 06/2011; 104(6-7):375-80. DOI:10.1016/j.acvd.2011.04.006
  21. Emilie Bollache, Alban Redheuil, Stéphanie Clément-Guinaudeau, Carine Defrance, Ludivine Perdrix, Magalie Ladouceur, Muriel Lefort, Alain De Cesare, Alain Herment, Benoît Diebold, Elie Mousseaux, Nadjia Kachenoura: *Automated left ventricular diastolic function evaluation from phase-contrast cardiovascular magnetic resonance and comparison with Doppler echocardiography.* Journal of Cardiovascular Magnetic Resonance 11/2010; 12(1):63. DOI:10.1186/1532-429X-12-63
  22. Magalie Ladouceur, Patrick Bruneval, Elie Mousseaux: *Cardiovascular flashlight. Magnetic resonance assessment of fibrosis in systemic right ventricle after atrial switch procedure.* Eur Heart J 30:2613. European Heart Journal 09/2009; 30(21):2613. DOI:10.1093/eurheartj/ehp336
  23. Gaël Jauvert, Juliette Rousseau-Paziaud, Elisabeth Villain, Laurence Iserin, Françoise Hidden-Lucet, Magalie Ladouceur, Daniel Sidi: *Effects of cardiac resynchronization therapy on echocardiographic indices, functional capacity, and clinical outcomes of patients with a systemic right ventricle.* Europace 12/2008; 11(2):184-90. DOI:10.1093/europace/eun319
  24. Magalie Ladouceur, Christian Latremouille, Laurence Iserin: *A giant atrial thrombosis in a patient with Fontan circulation.* Pediatric Cardiology 08/2008; 29(4):865-6. DOI:10.1007/s00246-008-9203-6
  25. Magalie Ladouceur, Christophe Fermanian, Jean-Marc Lupoglazoff, Thomas Edouard, Yves Dulac, Philippe Acar, Suzel Magnier, Guillaume Jondeau: *Effect of Beta-Blockade on Ascending Aortic Dilatation in Children With the Marfan Syndrome.* The American Journal of Cardiology 02/2007; 99(3):406-9. DOI:10.1016/j.amjcard.2006.08.048
  26. Guillaume Jondeau, Martine Barthelet, Clarisse Baumann, Damien Bonnet, Bertrand Chevallier, Patrick Collignon, Yves Dulac, Thomas Edouard, Laurence Faivre, Dominique Germain, Philippe Khau Van Kien, Didier Lacombe, Magalie Ladouceur, Martine Lemerrer, Bruno Leheup, Jean-Marc Lupoglazoff, Suzel Magnier, Christine Muti, Pr Henri Plauchu, Bernadette Raffestin, F Sassolas, Jean-Marc Schleich, Daniel Sidi, Christine Themar-Noël, Jean Varin, Jean-Eric Wolf: *[Recommendations for the medical management of aortic complications of Marfan's syndrome].* Archives des maladies du coeur et des vaisseaux 06/2006; 99(5):540-6.
  27. Laurence Iserin, Magali Ladouceur: *[Adult congenital heart diseases: physicians facing new difficulties].* La Revue du praticien 04/2006; 56(6):637-42.
  28. M Ladouceur, F Weber, P Morin, G Jondeau: *Medical management of Marfan's syndrome and ascending aortic aneurysms in France: Initial assessment.* Archives des maladies du coeur et des vaisseaux 03/2006; 99(2):117-22.

#### D. Research Support.

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