

DIPLOMES

Doctorat

1994

Cliniques Universitaires Saint-Luc -Université Catholique de Louvain (UCL).
Docteur en Médecine, Chirurgie et Accouchement (Grande Distinction).

Spécialisations

1999

Cliniques Universitaires Saint-Luc -Université Catholique de Louvain (UCL).
DES en Cardiologie.

1997-1999

Cliniques Universitaires Saint-Luc -Université Catholique de Louvain (UCL).
Fellowship-Recherche au Laboratoire d'échocardiographie/Valvulopathies
(Prof. Van Overschelde, Prof. El Khoury)

1999-2000

Chef de clinique CHU Sart-Tilman (ULG).
Fellowship-Recherche au Laboratoire d'échocardiographie/Valvulopathies
(Prof. Piérard)

2000

“Young investigator award in echocardiography” (Belgian Society of Echocardiography)

2002

Certification en radioprotection (Agence Fédérale de Contrôle Nucléaire Bruxelles)

2000-2005

Cardiologue Temps plein CHL

Programme de digitalisation (Laboratoire d'échocardiographie)
Programme d'échocardiographie de stress (Effort).

Formation et accréditation des sonographes.
Programme d'ETO per-opératoire en chirurgie cardiaque (INCCI).
Membre du conseil médical CHL

2005

Accréditation européenne en échocardiographie (EACVI)

2005-ce jour

Cardiologue temps partiel au CHL

2005-2015

Cardiologue Zitha Klinik.

Membre du conseil médical de 2006 à 2012
Médecin coordinateur du Département de Médecine Interne 2010-2012

2010-ce jour

Maitre de stage Université de Luxembourg

2011

Formation Médecin Coordinateur FHL (Luxembourg)

2012

Programme d'ETO interventionnel en cardiologie structurelle (CHL/INCCI) :

TAVI
Percutaneous LAA occlusion certification
Percutaneous Mitral valve repair system : Mitraclip certification

2014

Re-certification en Radioprotection IUIL (Luxembourg)

2014

Coordinateur Valve Team/Valve Clinic Luxembourg (CHL/INCCI)

2014

Fellow de la Société Européenne de Cardiologie (FESC)

2016

Agrément INCCI interventionnel en cardiologie structurelle

2017

Reviewer for ECS/EACTS Guidelines on Valvular Heart Diseases (VHD)

2020

Advanced Life Support accreditation (ESC).

2021

Acréditation EACVI Laboratoire d'échocardiographie CHL Luxembourg (ESC)

2022

Percutaneous tricuspid valve repair system: Triclip certification

2024

Reviewer for ECS/EACTS Guidelines 2025 on Valvular Heart Diseases (VHD)

PUBLICATIONS

Electrocardiographic findings in hypertrophic cardiomyopathy

Lebrun F, Blouard Ph, Ch Brohet

Cardiologica Acta 1999, 54 :51 -56

Quantitation of functional mitral regurgitation during bicycle exercise in patients with heart failure.

Lebrun F, Lancellotti P, Pierard LA.

J Am Coll Cardiol . 15 November 2001 , 38 (6) :1685-92 .

Single coronary artery as causes of acute myocardial infarction in a 12 -year- old girl : a comprehensive approach with MR imaging .

Giorgi B, Dymarkowski S, Rademakers FE, Lebrun F, Bogaert J.

AJR Am J Roentgenol . December 2002 , 179 (6) :1535-7 . No abstract available .

Determinants of exercise- induced exchange in mitral regurgitation in patients with coronary artery disease and left ventricular dysfunction .

Lancellotti P , Lebrun F, Pierard LA.

J Am Coll Cardiol . 3 December 2003 , 42 (11) :1921-8 .

Quantification de l'insuffisance mitrale à l'effort.

F. Lebrun.

Archives des maladies du coeur et des vaisseaux - Pratique. Volume 2003 , Issue 119, Pages 16-18 (May 2003).French.

Amaurosis fugax of cardiac origin .

Michaux S, Lebrun F, Beissel J.

Bull Soc Sci Med Grand Duche Luxemb . 2005 (3) :307 -16. French .

Improvement of exercise- induced cardiac deformation Effective cell therapy for severe chronic ischemic heart failure .

Lebrun F, Berchem G, Delagardelle C , Beissel J , Rouy D , Wagner DR.

J Card Fail. March 2006 , 12 (2) :108-13 .

Arterial duplex and aortic valve stenosis : sensitivity and specificity of findings .

Verbeeck N, Casters L, Lebrun F.

J Radiol . 2006 Jun , 87 (6 Pt 1) :647 -53. French .

Cell therapy for severe chronic heart failure : the Luxembourg experience.

Rouy D , Lebrun F, Berchem G, Delagardelle C , Beissel J , Wagner DR.

Biomed Mater Eng. 2008, 18 (Suppl 1) : S27 -31.

Intrapericardial liver herniation after coronary artery bypass grafting: a case report of minimally invasive repair with 20-year follow-up

Acta Chir Belg . 2023 Jun 6:1-3.

Matthias Van Aerde ¹, Frederic Lebrun ², Georges Decker ³

ORAL ABSTRACTS AND CONGRESS PRESENTATIONS:

Belgian Society of Cardiology 1998

Electrocardiographic findings in HCM .
Lebrun F, Blouard Ph, Ch Brohet

Belgian Working Group of Echocardiography 1999

Carcinoid heart diseases.
Lebrun F, Vanoverschelde JL .

Complications of mitral valvuloplasty.
Lebrun F, JL Vanoverschelde JL.

Atrial septal defect and endocarditis.
Lebrun F, Vanoverschelde JL.

European Society of Echocardiography 2000 (EACVI)

Quantitation of mitral regurgitation by dynamic exercise echocardiography in patients with LV dysfunction: What's the best Doppler method ?
Lebrun F, Lancellotti P , Pierard LA.

Clinical significance of dynamic mitral regurgitation as Assessed by continuous exercise Doppler echocardiography in heart failure patients.
Lebrun F, Lancellotti P, Pierard LA.

American Heart Association 2000 (AHA)

Quantitation of mitral regurgitation by dynamic exercise echocardiography in patients with LV dysfunction: What's the best Doppler method ?
Lebrun F, Lancellotti P, Pierard LA

European Society of Heart Failure 2005 (HFA)

Improvement of regional myocardial function during exercise after cell therapy in chronic ischemic cardiomyopathy .
Lebrun F, Berchem G, Beissel J, Wagner D.

European Society of Echocardiography 2006 (EACVI)

Multiplane exercise echocardiography : feasible in daily clinical practice ?
Lebrun F, Saberlin A, Lancellotti P, Robert F, Wagner D, Michaux S, Beissel J, Pierard LA.

EACVI-Imaging 2013 (EACVI)

Post-operative emergencies in Valve Surgery.

Interêts

- Heart Team
- Valve clinic
- Dynamic mitral regurgitation.
- Low gradient aortic stenosis.
- 3D echocardiography.
- Reconstructive valve surgery.
- Percutaneous ASD occlusion.
- Percutaneous LAA occluder.
- Percutaneous aortic valve implantation (TAVI).
- Percutaneous Mitral valve repair system (Mitraclip).
- Percutaneous Tricuspid valve repair system (Triclip).
- Myocardial viability.
- Cardiac dyssynchrony.
- Non-pharmacologic therapy in heart failure.

Membership of scientific societies

- Luxembourg Society of Cardiology (SLC)
- European Society of Cardiology (ESC)
- European Association of Echocardiography (EACVI)

Compétences Linguistiques:

- Français (C2)
 - Luxembourgeois (C1)
 - Anglais (B2)
 - Allemand (B1)
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