

**Dr. Frédéric Lebrun**

Cardiologue

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**Curriculum vitae**

**1987-1994**

Université Catholique de Louvain (UCL, Belgium)

Cliniques Universitaires St –Luc.

Docteur en Medecine, MD. (Grande distinction).

**1994-1999**

Université Catholique de Louvain (UCL, Belgium)

Cliniques Universitaires St –Luc.

Cardiologie, Echocardiography Laboratory (Prof. J-L. Van Overschelde).

**1999-2000**

Université Libre de Liège (ULG, Belgium)

CHU Sart-Tilman.

Cardiologie, Echocardiography Laboratory (Prof. L. Piérard).

**2000**

Belgian Society of Echocardiography.

Prix" Young Investigator Award in echocardiography "

**2000-2005**

Cardiologue temps plein, Echocardiography Laboratory , Centre Hospitalier Luxembourg (Luxembourg).

**2005-Today**

> European Accreditation Echocardiography (EACVI )

> Supervisor for the European accreditation in Luxembourg (EACVI) .

**2005-2015**

Cardiologue , Clinique Zitha (Luxembourg) .

**2005-Today**

Cardiologue temps partiel, Echocardiography Laboratory, Centre Hospitalier Luxembourg (Luxembourg).

**2010-Today**

Maître de stage Formation Spécifique en Médecine Générale de l'Université du Luxembourg.

**2013-Today**

Coordinateur de la Valve Clinic Luxembourg (CHL/INCCI)

**2014-Today**

Fellow of the European Society of Cardiology (FESC)

**2016-Today**

Cardiologue INCCI (Institut National de Chirurgie cardiaque et Cardiologie Interventionnelle Luxembourg).

**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 Duché 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.

**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**

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**

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**

Multiplane exercise echocardiography : feasible in daily clinical practice ?

**Lebrun F**, Saberin A, Lancellotti P , Robert F, Wagner D , Michaux S, Beissel J , Pierard LA.

### **EuroEcho-Imaging 2013 (EACVI 2013)**

Post-operative emergencies in Valve Surgery (Teaching Course).

#### **Topics of special interest**

- Myocardial viability.
- Dynamic mitral regurgitation.
- Myocardial ischemia and preoperative cardiac risk.
- Low gradient aortic stenosis.
- Myocardial deformation.
- 3D echocardiography.
- Cardiac dyssynchrony.
- Reconstructive valve surgery.
- Percutaneous aortic valve dilation ( TAVI ).

- Percutaneous Mitral valve repair system (Mitraclip).
- 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 )

### **Other functions:**

- Reference echocardiographer for Stress-echo at CHL since 2000.
- Reference echocardiographer for mitraclip at INCCI since 2014.
- Reference echocardiographer for LAA closure at INCCI since 2014.
- Supervisor for the European Accreditation Echocardiography (EACVI ) in Luxembourg since 2005

### **Languages:**

French.  
Luxembourg.  
English.  
German.