

Complementary Training **in Advanced Adult Cardiac Surgery**

Program Director: Dr Nicolas DÜRRLEMAN

Department Director : Dr Michel CARRIER

Program Secretary: Mrs Martine BEAUSEJOUR

Description of the Program

Cardiac surgery is the surgical specialty in charge of the diagnosis, exploration, treatment and perioperative follow-up of cardiac and vascular diseases.

This specialty encompasses and treats all technical dysfunctions of the cardiac area:

- Heart valve diseases: this is surgery for repair, conservation or valve replacement
- Coronary diseases: revascularization surgery under CEC or beating heart
- Rhythmic diseases: this is the surgery of conductance disorders or rhythm disorders
- Muscular diseases: it is the surgery of heart failure and/or transplantation
- Aortic diseases: surgery of the large vessels

The Cardiac Surgery Training Program extends over a period of 6 years, during which time the resident must acquire not only the knowledge specific to his specialty, but also the related and indispensable knowledge of other surgical specialties: general surgery, trauma, vascular surgery and thoracic surgery.

Training in medical specialties will also be provided to ensure a coherent and efficient management of heart surgery patients: general cardiology, interventional cardiology, imaging, microbiology and intensive care.

In addition, a mandatory 6-month internship in congenital heart surgery will be required.

During his training, the resident will be exposed to the "classic" surgical techniques recognized and used in all countries but also to certain expert techniques and advanced technologies only dedicated to a few centers in the world.

The objective of this program is to allow the young surgeon to acquire, of course, surgical techniques but also and above all a strategy of thought making him independent, autonomous, safe and effective.