CATHPAX® AF

MOBILE **RADIATION PROTECTION CABIN**

THE ULTIMATE PROTECTION AGAINST X-RAYS

Cathkit® sterile kit

RANGE

■ CATHPAX® AF CHAIR

Electrophysiological procedures are often long and some doctors prefer to work seated.
To meet this need, Lemer Pax has designed a seated version enabling electrophysiologists to work seated or standing.
The seated version is also appreciated by physicians who suffer from knee pains.The Cathpax® AF chair keep all advantages of the Cathpax® AF standard.

Cathpax® AF chair

■ CATHPAX® AF ADJUSTABLE

The new Cathpax® AF adjustable can adapt to the configurations of patient table and keeps all benefits of Cathpax® AF standard.

Cathpax® AF adjustable

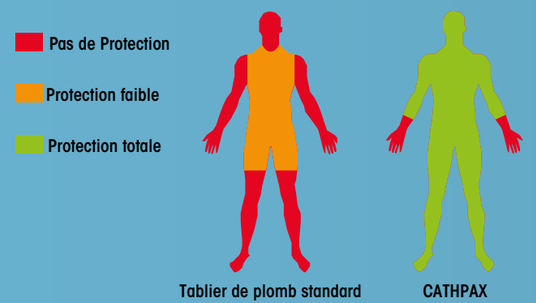
More pictures
Please find more pictures on
www.cathpax.com

A PARTNER OF THE CEA SINCE IT WAS FOUNDED, THE COMPANY DESIGNS AND PRODUCES RADIATION PROTECTION EQUIPMENT DESIGNED FOR THE MEDICAL WORLD, RESEARCH, INDUSTRY AND NUCLEAR PROTECTION.
WITH OVER 40 YEARS OF INNOVATION, AND SUPPORTED BY ITS SCIENTIFICCOLLEGE OF INTERNATIONAL EXPERTS, IT HAS BECOME THE WORLD LEADER IN INNOVATION IN ITS SECTORS OF ACTIVITY, EXPORTING ITS TECHNOLOGIES THROUGHOUT THE WORLD. LEMERPAX IS VERY ACTIVELY INVOLVED IN THE OPTIMIZATION OF THE PROTECTION OF OPERATORS EXPOSED TO IONIZING RADIATION.

Characteristics

- ***Fast and easy setting up of sterile drape kit,*** *guaranteed asepsis*
- ***Easily radiological decontaminable*** *coating*
- ***2 mm lead equivalent*** *clear and visible glass screen*
- ***2 mm lead equivalent*** *cabin frame shielding*
- ***Removable, decontaminable*** *and coated arm hole*
- ***Height-adjustable*** *arm hole*
- ***150 mm diameter wheels*** *for easy manoeuvrability*
- ***Width*** *33.07 inches / 840 mm*
- ***Height*** *77.17 inches / 1960 mm*
- ***Depth*** *35.83 inches / 910 mm*
- ***Weight*** *462.97 lb / 210 kg*
- ***Average user*** *size from 5.1 ft / 1.55 m to 6.2 ft / 1.90 m*

RADIATION PROTECTION COMPARISON



DOSIMETRIC BOARD

	Attenuation factor	
	1281	
	With Cathpax®	Without Cathpax®
Dose measured for one AF ablations	0,404 µSv	517,6 µSv

Results from a study conducted by Professor B. Strohmer at Salzburger National Clinics with Paracelsus Medical University, Austria, 2008.

WWW.LEMERPAX.COM
3, rue de l'Europe - ZI de Carquefou
BP 70202 - 44472 Carquefou cedex - France
Tél. +33 (0)2 40 25 24 04 - Fax. +33 (0)2 40 25 18 37
Email. contact@lemerpax.com

LEMER PAX
INNOVATIVE

CARDIOLOGY

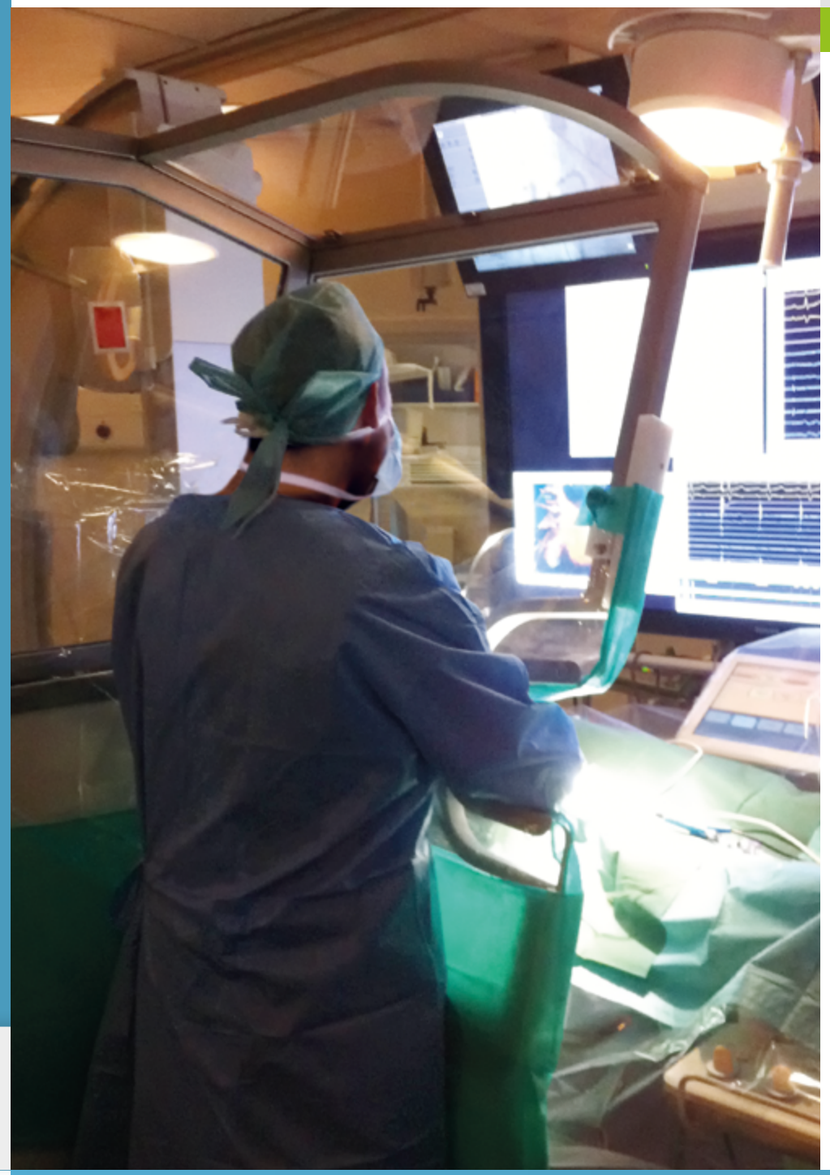
CATHPAX® AF

MOBILE **RADIATION PROTECTION CABIN**

THE ULTIMATE PROTECTION AGAINST X-RAYS

Free of lead ablation procedure

- Optimal radiation protection (2 mm of lead)
- Increased efficiency and preserved mobility
- Elimination of orthopedic troubles
- Optimization of the doctor concentration



Cathpax® AF is part of a whole range of radiation protection cabins dedicated to procedures under fluoroscopy.
Regularly improved following users' requests, **Cathpax®** provides an optimal radiation protection and obviates the need/discomfort of lead aprons.

INNOVATE TOGETHER TO PROTECT LIFE
WWW.LEMERPAX.COM

LEMER PAX
INNOVATIVE

CATHPAX® AF

MOBILE **RADIATION PROTECTION CABIN**

THE ULTIMATE PROTECTION AGAINST X-RAYS

DESCRIPTION

There has been a recent increase in the number of cardiac electrophysiology (EP) procedures. Established evidence has identified that physicians are exposed to dangerous levels of radiation during ablation procedures. Complex arrhythmia ablations such as AF ablations and others prolong radiation exposure time.
In addition, physicians wearing lead aprons for an extended period of time during procedures result orthopedic injuries to spine and shoulder/ neck regions.

The Cathpax® AF (radiation protection cabin) provides a safe and comfortable solution without compromising long-established working practices.

More pictures

CATHPAX® AF video

Please find more pictures and videos on ***www.cathpax.com***

CATHKIT® STERILE KIT

- *Disposable sterile kit (1 kit = 1 patient)*
- *Fast and intuitive setting up kit (less than two minutes)*
- *1 piece kit to fit around the cabin*
- *Guaranteed asepsis*

CATHKIT® AF video

Testimonial

Find full testimony on **www.cathpax.com**

Prof. Michel Haïssaguerre / Hôpital Cardiologique Haut-Lévêque / University Bordeaux 2 / Institut hospitalo-universitaire LIRYC / Bordeaux-Pessac, France

Use of a novel radiation protection cabin (RPC) during catheter ablation procedures obviates the need for lead protective apparel:

"…With use of the Cathpax®, catheter ablation can be performed comfortably with insignificant exposure rendering lead apparel superfluous…".

Prof. Kazutaka Aonuma / Division of Cardiovascular Medicine / Tsukuba University Hospital / Japan

"…Cathpax® has become one of the most necessary devices in my lab, especially when performing complicated cases such as atrial fibrillation ablations and substrate-guided ventricular tachycardia ablations, where a longer procedure time is usually required.

Prof. Dr. Hein Heidbüchel / Full Professor, Cardiology - Electrophysiology / Director of the Clinical EP Laboratory / University Hospital Gasthuisberg / University of Leuven / Belgium.

"…The cabin has changed my life as an electro physiologist: it takes away all my concerns that I might harm my own health and the future of my dependants while taking care of patients.

Dr. Nidal Asaad / Head of cardiac electrophysiology / Department of cardiology and cardiovascular surgery / Hamad General Hospital / Doha- Qatar

"… The Cathpax® cabin is a major breakthrough in the area of radiation safety for the busy practising cardiac electrophysiologist.

Dr. Bernhard Strohmer / Paracelsus Private Medical University / Salzburger Landeskliniken Dept. of Cardiology / Austria

"… The use of the Cathpax® cabin turned out to be one of the most important achievements in my daily EP practice as far as radioprotection is concerned. The cabin is no hindrance at all for handling the catheters and the view to the monitors.

Dr Mark E. Josephson / Chief of Cardiology / Beth Israel Deaconess Medical Center / Boston / Massachusetts

"… I would like to express my strong endorsement of the Cathpax®. Prior to using it my radiation exposure was so high from doing all the AF procedures in my hospital, that radiation safety wanted me to stop performing procedures.

Dr. Francis Marchlinski / Hospital of the University of Pennsylvania Cardiology / USA

"…This innovation has been too long in the coming. It is a must for long ablation procedures…".

PUBLICATIONS

Find full publications on **www.cathpax.com**

- ***Significant reduction of radiation exposure using a protection cabin for electrophysiological procedures***
  Author: *B. Strohmer, F. Danmayr, C. Schernthaner, V. Schett, M. Pichler*
- ***Performance of radiation protection cabin during implantation of pacemakers or cardioverter defibrillators***
  Author: *S.Ploux, P.Ritter, M.Haissaguerre, J.Clementy, P.Bordachar*
- ***Evaluation of a radiation protection cabin for invasive electrophysiological procedures***
  Author: *Dragusin O, Weerasooriya R, Jaïs P, Hocini M, Ector J, Takahashi Y, Haïssaguerre M, Bosmans H, Heidbüchel H*
- ***Reducing Radiation Exposure in the EP Lab: Interview with Dr. Roderick Tung***
  Author: *Jodie Elrod*