HEARTLIGHT® ENDOSCOPIC ABLATION SYSTEM
AN EFFECTIVE TREATMENT FOR PAROXYSMAL ATRIAL FIBRILLATION

CAUTION: Federal Law (USA) restricts this device to sale by or on the order of physician. The HeartLight Endoscopic Ablation System is indicated for the treatment of drug refractory recurrent symptomatic paroxysmal atrial fibrillation.

ATRIAL FIBRILLATION (AFIB), the most common cardiac arrhythmia, is the rapid and irregular beating of the atria, the upper chambers of the heart.

EVERY YEAR, IN THE U.S., AFIB AFFECTS >2.3 million people*
*The numbers are climbing with the aging population!

MOST COMMON AFIB SYMPTOMS INCLUDE:
- Heart palpitations
- Weakness
- Fatigue
- Shortness of breath
- Dizziness
- Sweating
- Anxiety
- Chest pain
- Pressure or discomfort

Serious risks associated with AFib include: stroke, heart failure, chronic fatigue, additional heart rhythm problems.

THE FDA-APPROVED HEARTLIGHT ENDOSCOPIC ABLATION SYSTEM is a proven technology that uses a camera enabled “laser balloon” to treat AFib. Patient outcomes include:

- >750,000 hospitalizations
- $6 billion in medical costs

The numbers are climbing with the aging population.

THE U.S. PIVOTAL TRIAL FREEDOM FROM AFib AT 12 MONTHS:
- 61%

Freedom from AFib recurrence after 1 year follow up with single-center non-randomized published studies:
- 71-93%

>5,000 treated with HeartLight worldwide

HEARTLIGHT LASER BALLOON™

HOW IT WORKS:
Minimally invasive procedure is performed while the patient is under general anesthesia.

STEP 1: Catheter is inserted through a vein in the leg and advanced through the heart
STEP 2: Customizable laser energy is used to create lines of scar tissue outside the pulmonary vein
STEP 3: The scar tissue blocks the electrical signals that cause AFib

ENDOSCOPE
Contains a miniature video camera and “headlight” to deliver a live-action inside view of the heart

COMPLIANT BALLOON
Unique balloon design adapts to the vein’s specific shape

FLEXIBLE TIP

LASER ENERGY SOURCE

TIME:
Procedure typically takes about 2-3 hours to complete

RECOVERY:
Usually rapid – patients can go home on the same or next day

RESULTS:
Most patients can have their AFib addressed with a single procedure
*However, there can be situations where an additional treatment may be recommended.

For more information please visit: www.cardiofocus.com
AN INSIDE LOOK AT HEARTLIGHT TECHNOLOGY.

References:

Brief Statement
CardioFocus’ HeartLight™ Endoscopic Ablation System

Indication: The HeartLight Endoscopic Ablation System is indicated for the treatment of drug refractory recurrent symptomatic paroxysmal atrial fibrillation. Contraindications: The HeartLight System should not be used: 1. In patients who have had a ventriculotomy or atriotomy within the preceding four weeks as the recent surgery may increase the risk of perforation; 2. In patients with prosthetic valves as the catheter may damage the prosthesis; 3. In patients with an active systemic infection as this may increase the risk for cardiac infection; 4. In patients with unstable angina; 5. In patients with an interatrial baffle or patch because the opening could persist and produce an iatrogenic atrial shunt following transseptal puncture; 6. In the ventricle because of the danger of catheter entrapment in the chordae tendineae; 7. In patients with conditions where the manipulation of the catheter within the heart would be unsafe (for example, presence of intracardiac thrombus and myxoma); 8. In patients with one or more pulmonary vein stents. Warnings: Only adequately trained personnel in a fully equipped electrophysiology laboratory should perform cardiac ablation procedures. This device should be used only by physicians fully trained in cardiac electrophysiology procedures. Descriptive patient operators of the HeartLight Endoscopic Ablation System must complete specific training provided by CardioFocus prior to the first clinical procedure. Operation Manual / Instructions for Use - Do not attempt to use the HeartLight System before reading and completely understanding the HeartLight Endoscopic Ablation System Operation and Maintenance Manual. Potential Complications: Adverse reaction to anesthesia, air embolism, anemia, anxiety, aspiration pneumonia, atrio-esophageal fistula, esophageal ulceration, esophageal tear, arteriovenous (AV) fistula, back pain, bleeding from puncture site, blood clot/thromboembolic event/deep vein thrombosis, blurred vision or vision changes, bradycardia, bronchitis, bruise, cardiac perforation/tamponade/tear, cardiopulmonary arrest, chest pain/ discomfort/pressure, complete heart block, coronary artery spasm, dissection thrombosis, cough, death, diarrhea, dizziness/vertigo, dysphagia, esophago-mediastinal fistula, fatigue, fever, headache, hematoma, hemorrhax, hemorrhage, hemoptyis, hypertension/ hypotension, incision site pain/tenderness, infection, major bleeding, myocardial infarction, nausea/vomiting, nerve injury, neurological deficits, pain or severe coughing during energy delivery, pericardial effusion, pericarditis, phrenic nerve damage leading to diaphragmatic paralysis, phrenic nerve palsy, pneumothorax, pleural effusion, pseudo-aneurysms, pulmonary edema, pulmonary vein stenosis/ occlusion, pyrogenic reaction, scarring, sepsis, shortness of breath, stroke / transient ischemic attack (TIA) / cerebrovascular accident, tachyarrhythmia, ulceration, urinary infection, wound healing difficulties, valvular damage, vascular complication requiring surgery, vascular damage / tear, vasovagal reactions. Refer to the device operating manual for detailed information regarding the procedure, indications, contraindications, warnings, precautions, and potential complications/adverse events and other important information. For further information, please call CardioFocus at 844-527-3723.

Caution: Federal Law (USA) restricts this device to sale by or on the order of a physician.

HeartLight is a registered trademark of CardioFocus, Inc.
© 2018 CardioFocus, Inc. All rights reserved. 21-4866 Rev. A