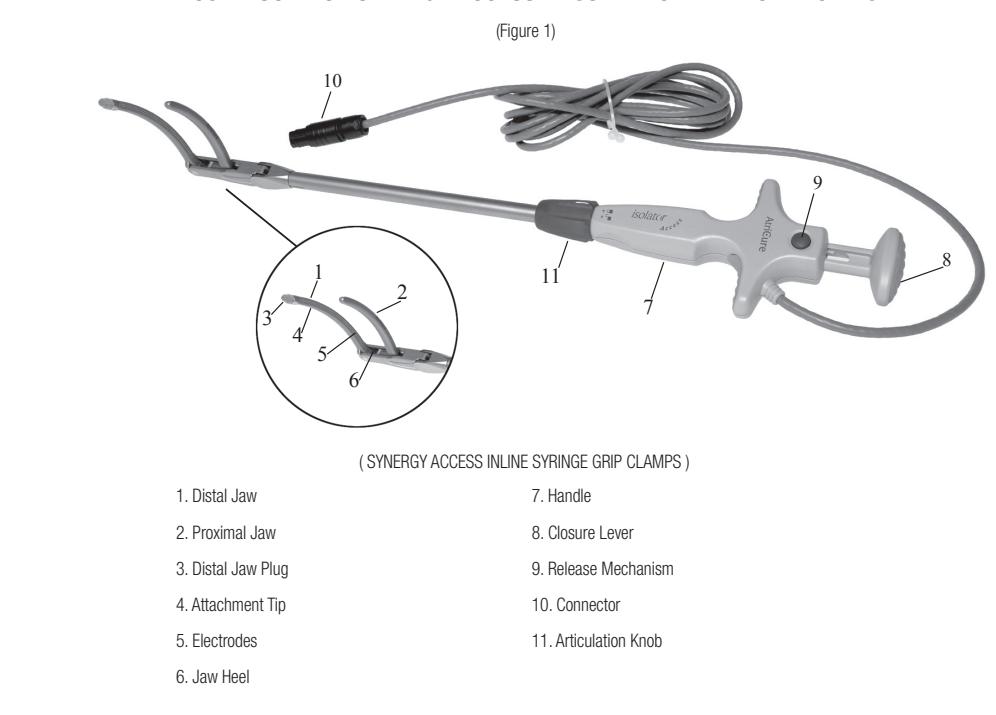
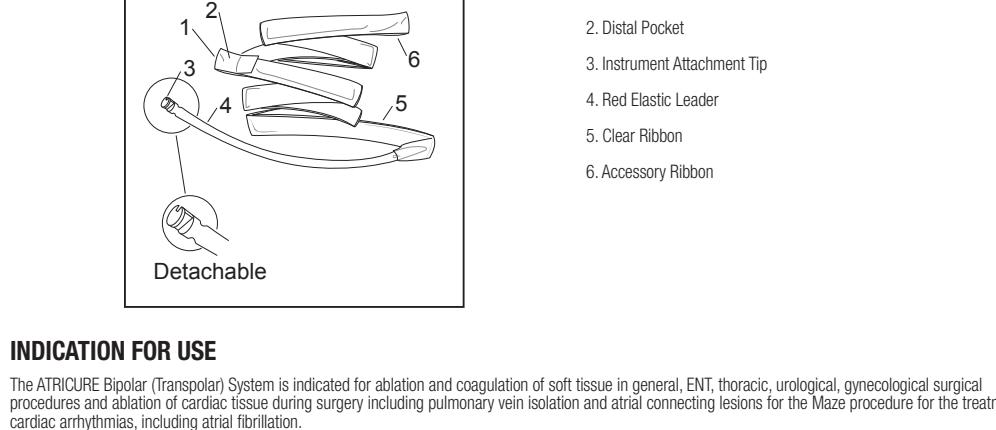


AtriCure®**AtriCure® Synergy™ Access™ Surgical Ablation System**

Instructions for Use
(FMT1)
DESCRIPTION
 The ATRICURE Synergy ACCESS Ablation System is comprised of the Ablation and Sensing Unit (ASU), SYNERGY ACCESS, Footswitch, and AtriCare Switch Matrix (ASW). SYNERGY ACCESS is a bipolar surgical ablation system designed for the creation of linear lesions in soft tissue using a clamp-type device by pressing the footswitch. The Synergy ACCESS clamp features two pairs of opposing dual electrodes, an articulating end-effector, and an in-line handle with syringe-type irrigation. The ASU is a single patient, disposable, surgical device designed to facilitate the guidance of surgical instruments through soft tissue during surgical procedures.

NOTE: Please refer to the ATRICURE ASU and ASB Instructions for Use for information specific to the ASU and ASB.

ATRICURE ISOLATOR SYNERGY ACCESS ILLUSTRATION AND NOMENCLATURE**GLIDEPATH TAPE INSTRUMENT GUIDE ILLUSTRATION AND NOMENCLATURE****INDICATION FOR USE**

The ATRICURE Bipolar (Transpolar) System is indicated for ablation and coagulation of soft tissue in general, ENT, thoracic, urological, gynaecological surgical procedures and ablation of cardiac tissue during surgery including pulmonary vein isolation and atrial connecting lesions for the Maze procedure for the treatment of cardiac arrhythmias, among other sterilization.

CONTRAINDICATIONS

The Bipolar (Transpolar) System is not indicated for contraceptive coagulation of the fallopian tubes.

Potential Complications

Possible complications related to the creation of the linear lesions in cardiac tissue using a clamp-type device may be included but not limited to:

- Tissue Cutting
- Perforative heart rhythm disturbance (atrial and ventricular)
- Postoperative embolic complications
- Pericardial effusion or tamponade
- Injury to the great vessels
- Valve leaflet damage
- Cardiac tamponade (SA/AVV node)
- Acute ischemic myocardial event
- Injury to surrounding tissue structures, including tears and punctures
- Bleeding requiring intervention to repair
- Extension of cardiopulmonary bypass

Procedure

Serious adverse events that may be associated with surgical ablation procedures on the heart (stand alone or concomitant to other cardiac surgery), include:

- Death
- Excessive bleeding related to the procedure (defined as bleeding which requires >3 units of blood products and/or surgical intervention)
- Cardiac tamponade if either open or catheter drainage is required
- Pericardial effusion or tamponade
- Verletzung der Herzkatheter
- Endocarditis
- Myocardial infarction (MI) per ACC guidelines
- Stroke resulting in permanent neurological deficit
- Transient Ischemic Attack (TIA)
- Thromboembolismus
- Diaphragmatic paralysis
- Esophageal Läsion or esophageal rupture
- Atrial perforation or rupture
- Ventricular perforation or rupture
- Atelectasis
- Pneumonia
- Congestive Heart Failure
- Cardiac Valve Injury
- Perforation of the pericardium (requiring intervention)
- Excessive Pain and Discomfort
- Deep Sternal Pain
- Ventricular Arrhythmia (V-Tachycardia or V. Fibrillation)
- New Sinus Node dysfunction, and
- Drug Reaction

WARNINGS

Do not touch the electrodes of the ISOLATOR while activating the ASU. Touching the ISOLATOR electrodes during ASU activation could result in an electrical shock to him or her operator.

• Do not touch the electrodes of the ISOLATOR to metal staples or clips, or to sutures while activating the ASU. This may damage the ISOLATOR or tissue, or result in an incomplete ablation.

• Use of the ISOLATOR should be limited to properly trained and qualified medical personnel.

• Use ISOLATOR only for soft tissue ablation. Variations in specific procedures may occur due to individual physician techniques and patient anatomy.

• Do not drop or lose the ISOLATOR as this may damage the device. If the ISOLATOR is dropped, do not use. Replace with a new ISOLATOR.

• Electrotherapy should be avoided in the presence of internal or external pacemakers. Interference produced with the use of electrotherapy devices can cause interference with the pacemaker or interfere with its normal function. It can also cause the pacemaker to malfunction or stop. Consult your Cardiology department for further information when use of electrotherapy appliances is planned in patients with cardiac pacemakers.

• Do not re-use or re-sterilize the ISOLATOR. Resterilization may cause loss of function or injury to the patient.

• Keep the jaws of the ISOLATOR off of the skin during surgery to avoid a burn.

• Do not use the ISOLATOR with another generator's generator to avoid damage to the device, which may result in patient injury. The ISOLATOR is only compatible with the ATRICURE ASU and ASB.

• Do not allow the ASU to get greater than 10 mm thick (uncompressed) with the ISOLATOR. Tissues greater than 10 mm thick may not be fully ablated.

• Do not use the ISOLATOR to capture or ablate veins or arteries.

• Inspect the product package prior to opening to ensure the sterility barrier is not breached. If the sterility barrier is breached, do not use the ISOLATOR to avoid the risk of patient hazard.

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• Do not use the ISOLATOR with another generator

