INVASIVE&LONG TERM MANAGEMENT OF TACHYARRHYTHMIAS

Dr H.R.Mashreghi Moghadam

Cardilogist Electrophysiologist

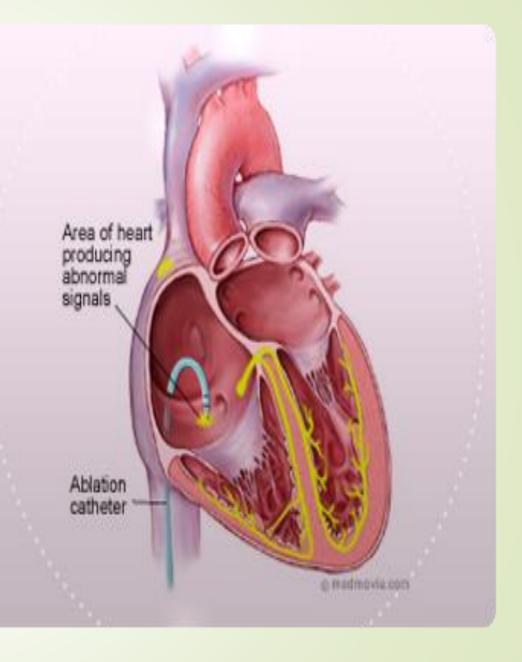
اشنایی با درمانهای پیشرفته تاکی اریتمی ها

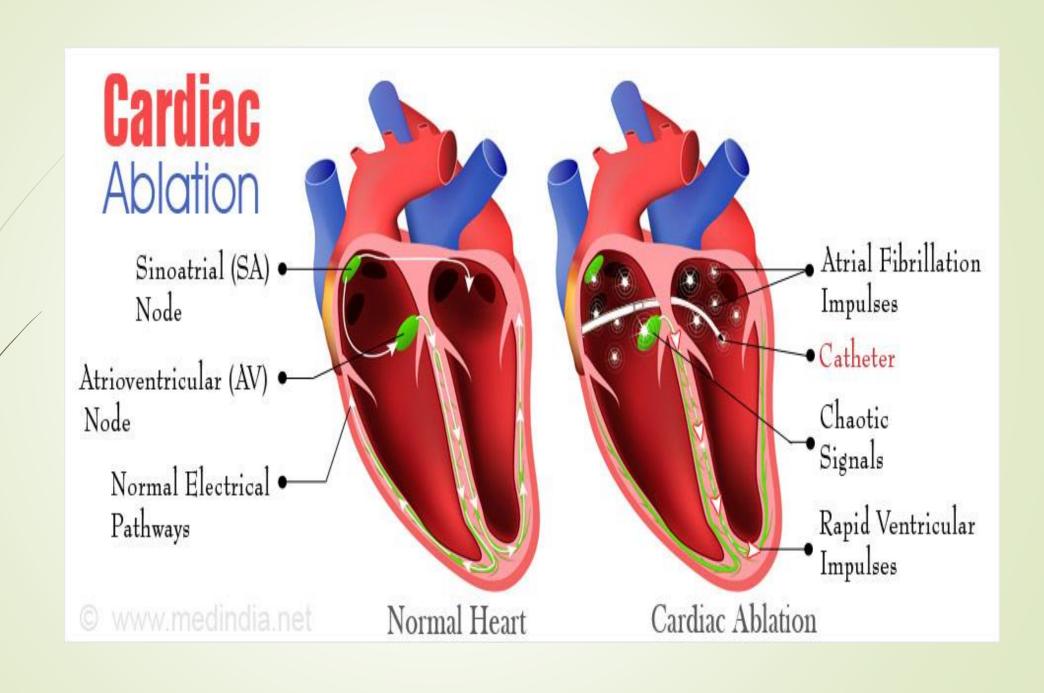
اتاتر ابلیشن
Catheter Ablation





Radio Frequency Catheter Ablation





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Basic info about procedure

- ◆ IV sites in either arm, groin, or neck.
- Flexible catheter inserted to IV through the blood vessel.
- Then, cathether is threaded thorough the blood vessel to the heart.
- Pressure measured at this point.

lodinated contrast injected through catheter once it

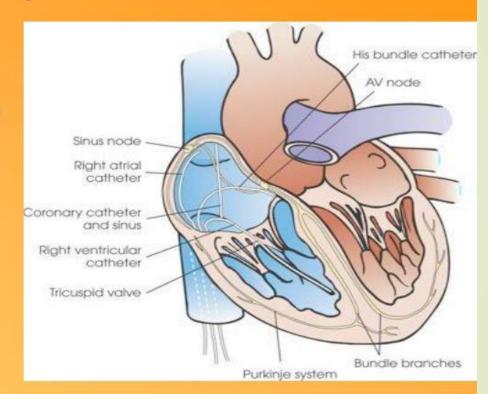
reaches the heart.

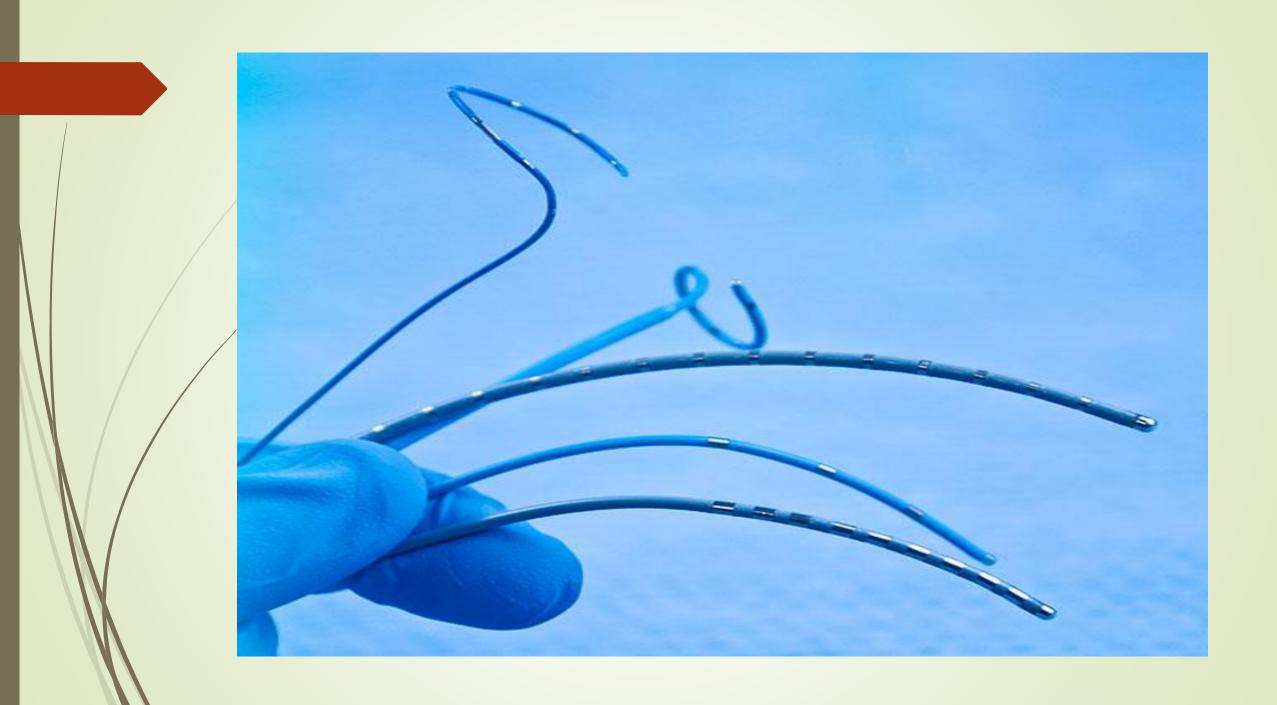
◆ Fluoroscopy guides the cardiologist with the catheter location.



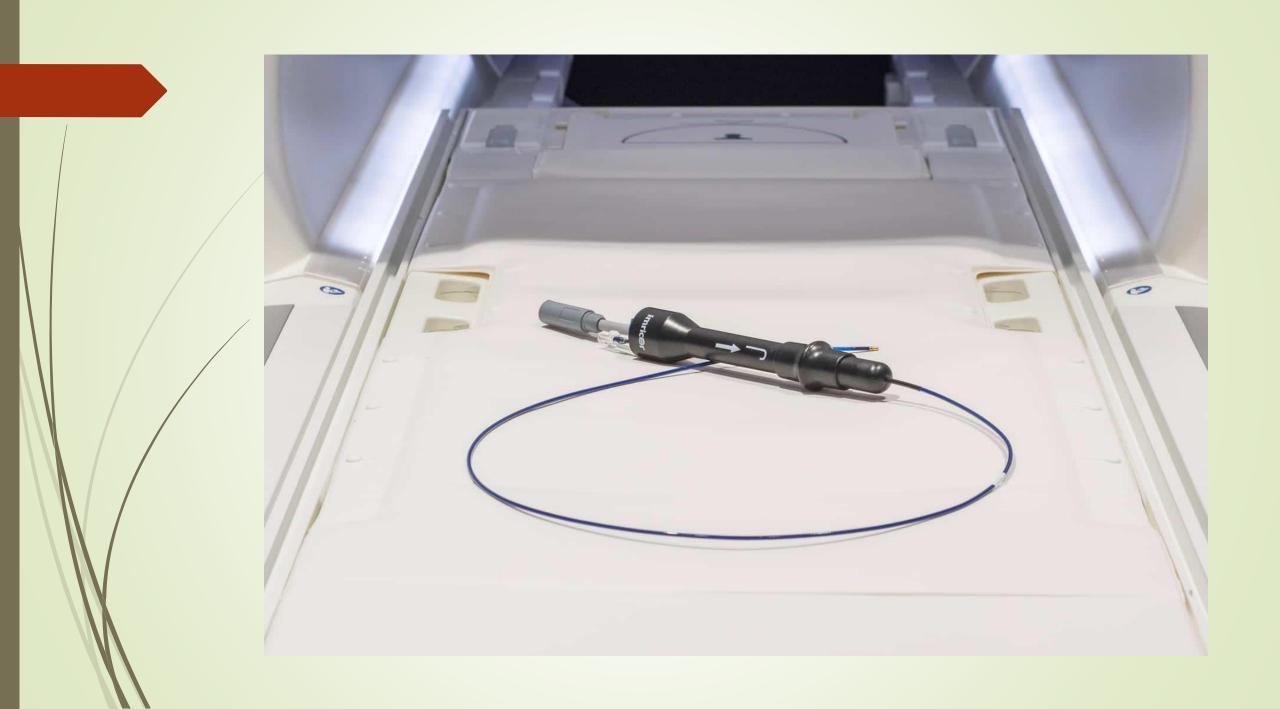


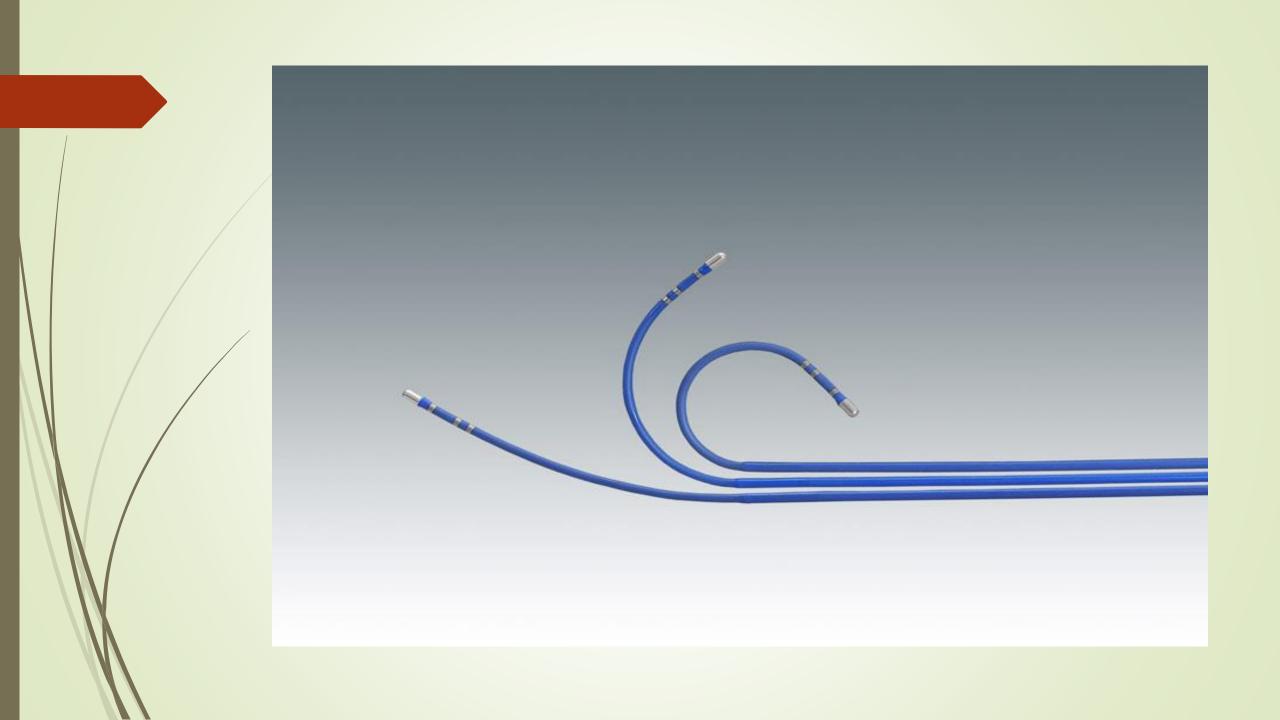
- Catheter positions for routine electrophysiologic study.
- Multipolar catheters
- · are positioned in the
- high right atrium near
- the sinus node,
- · in the area of the
- atrioventricular apex,
- and in the coronary
- sinus.

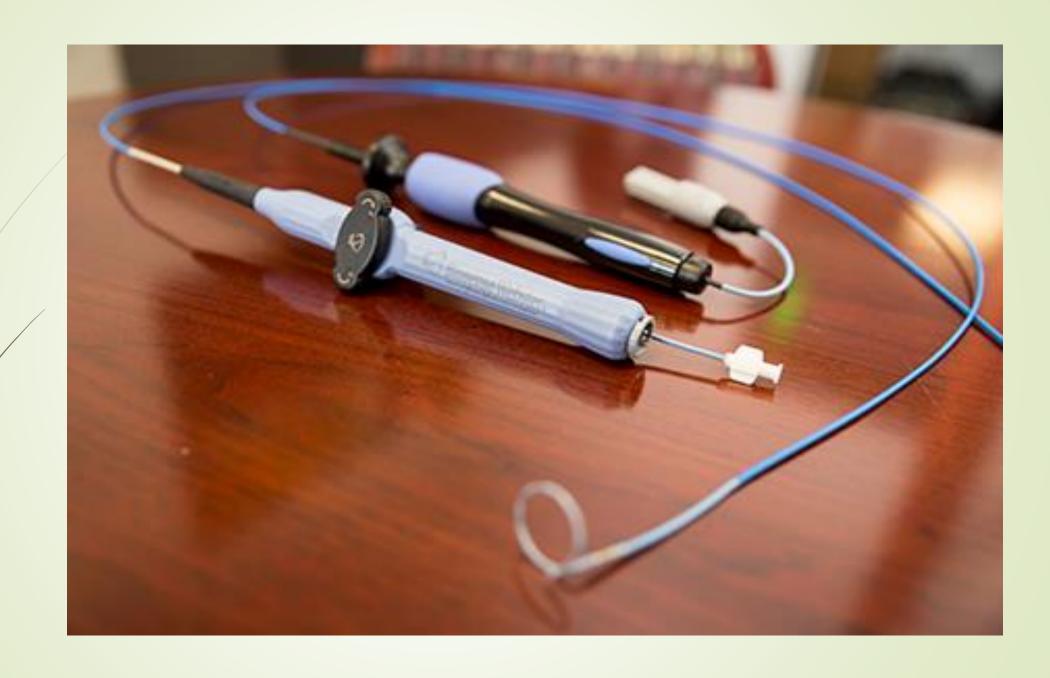


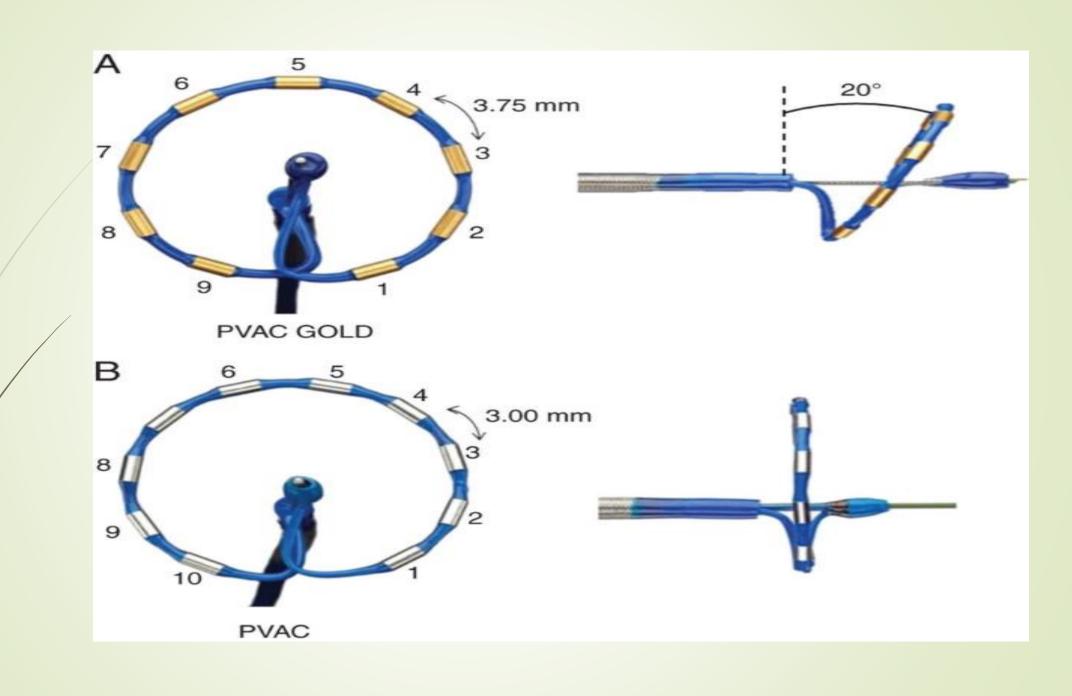


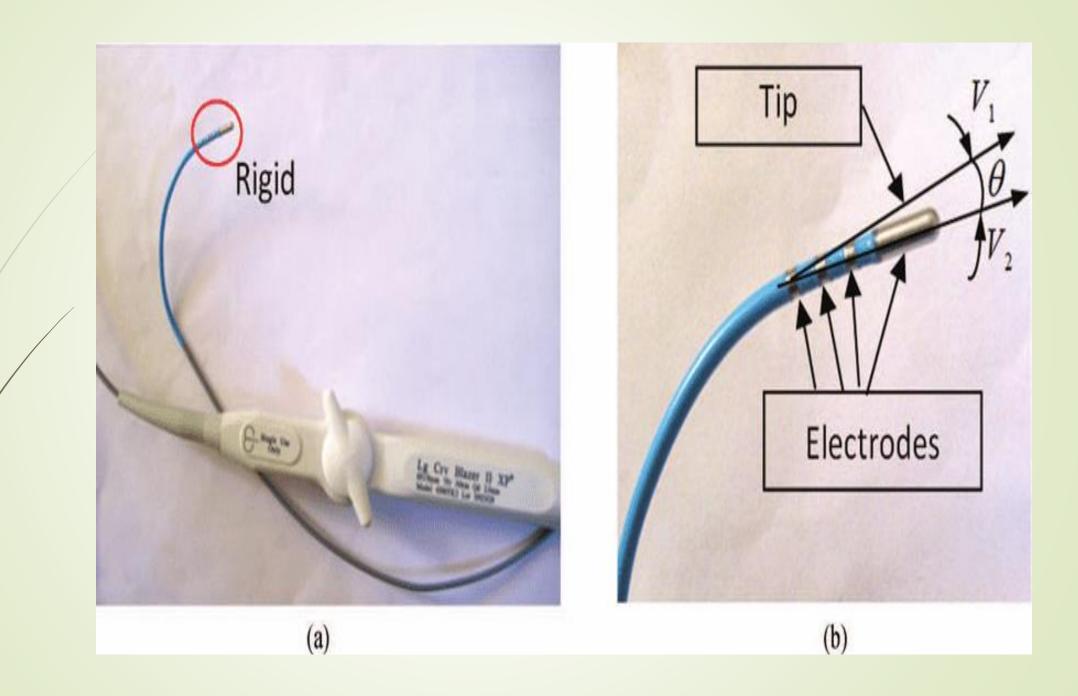


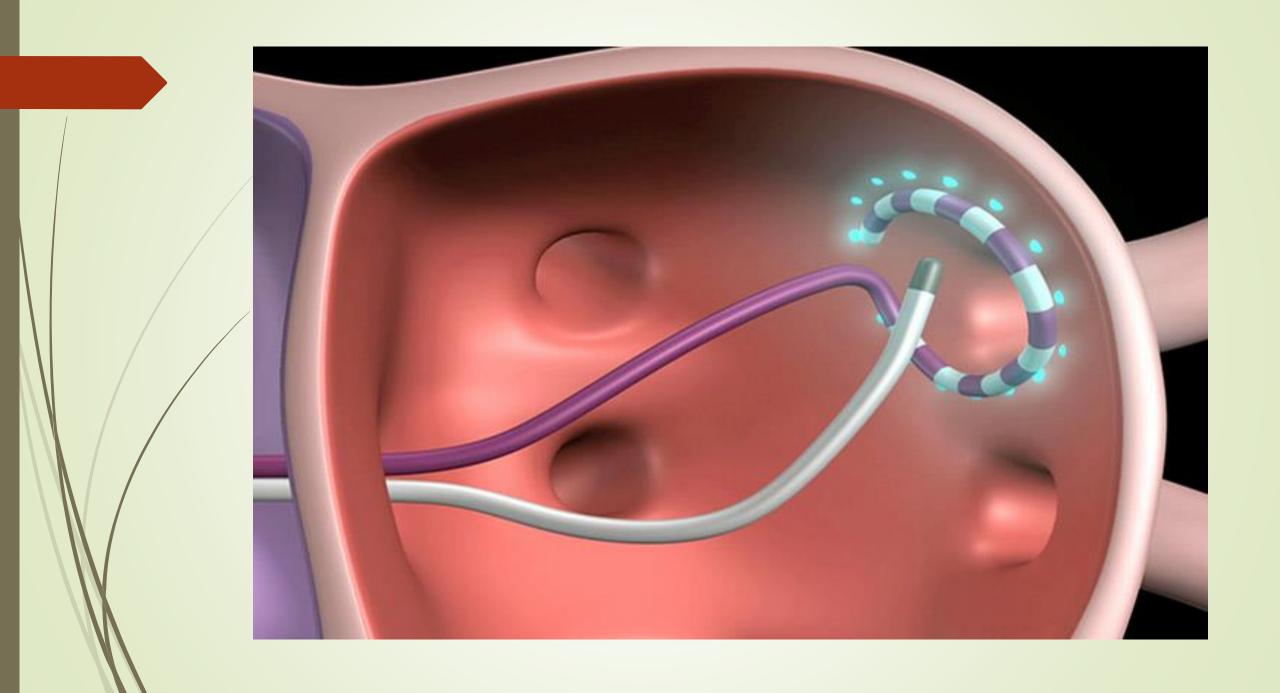


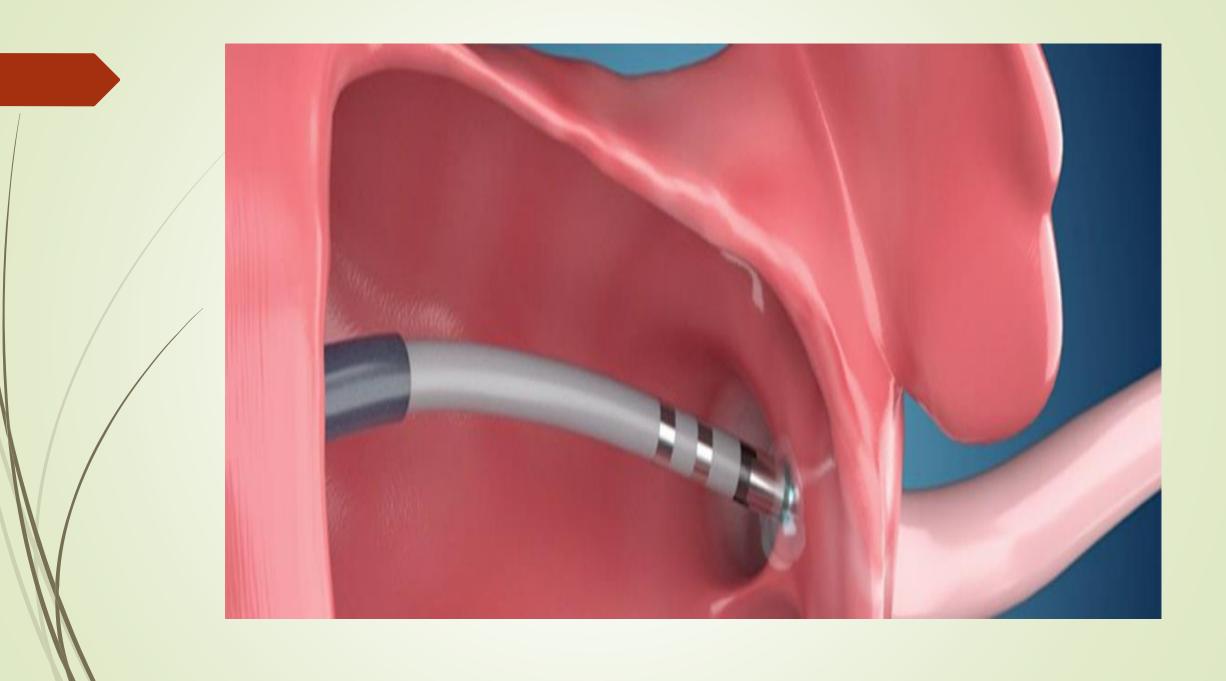


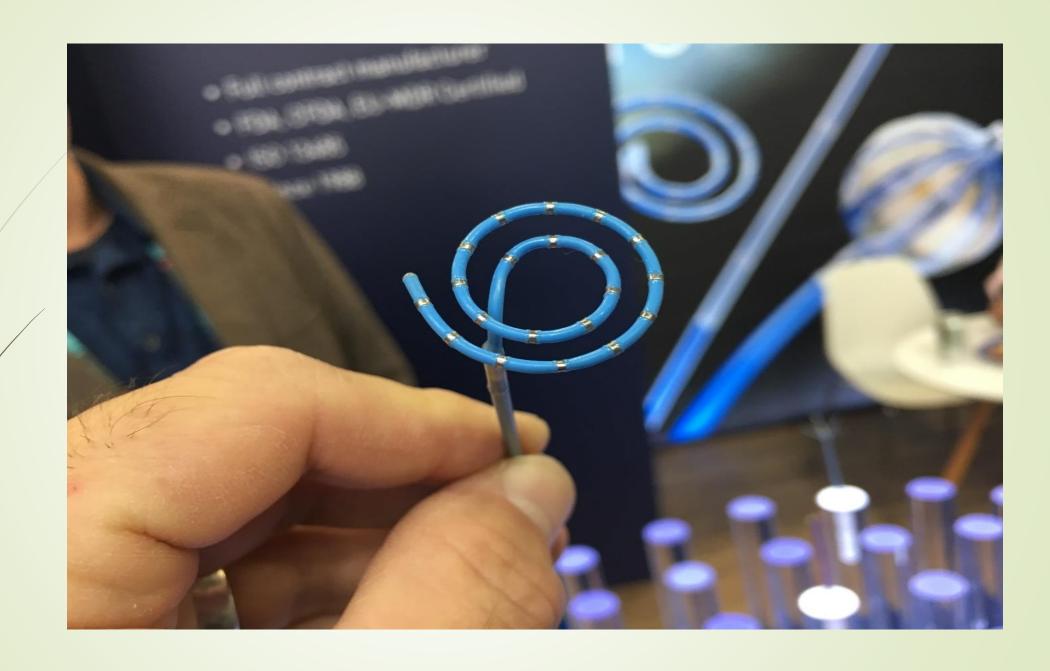


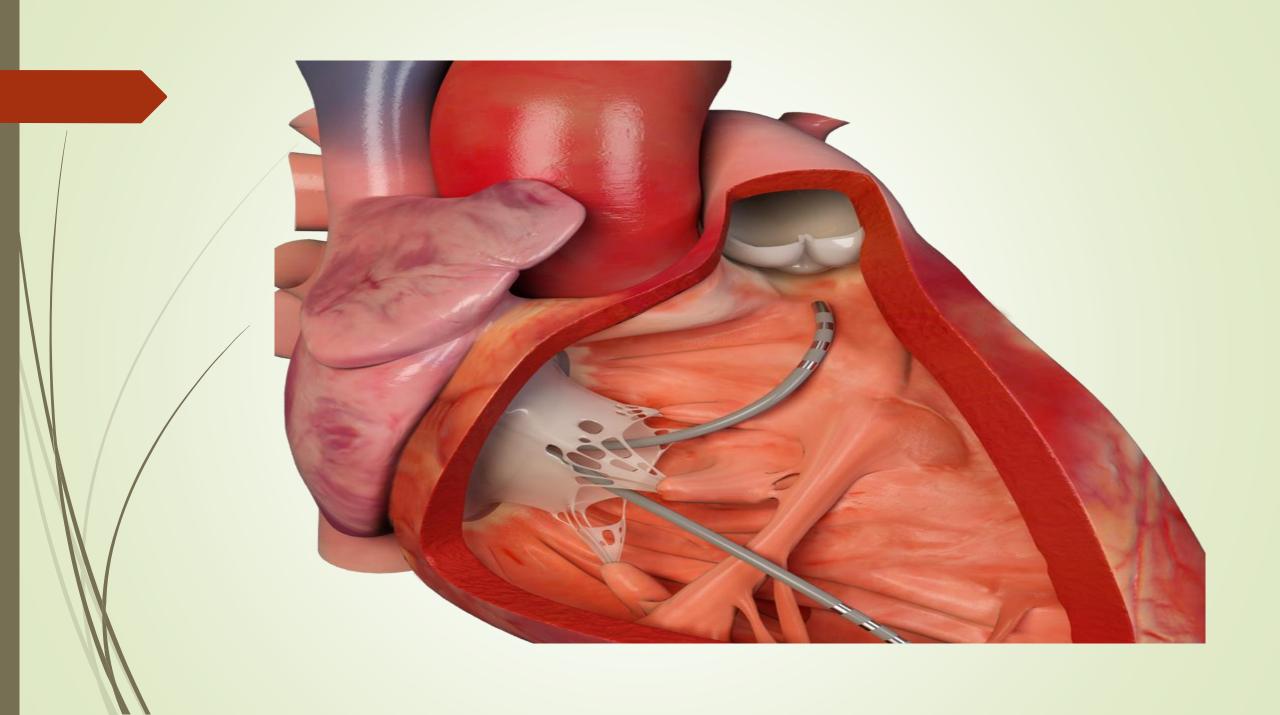


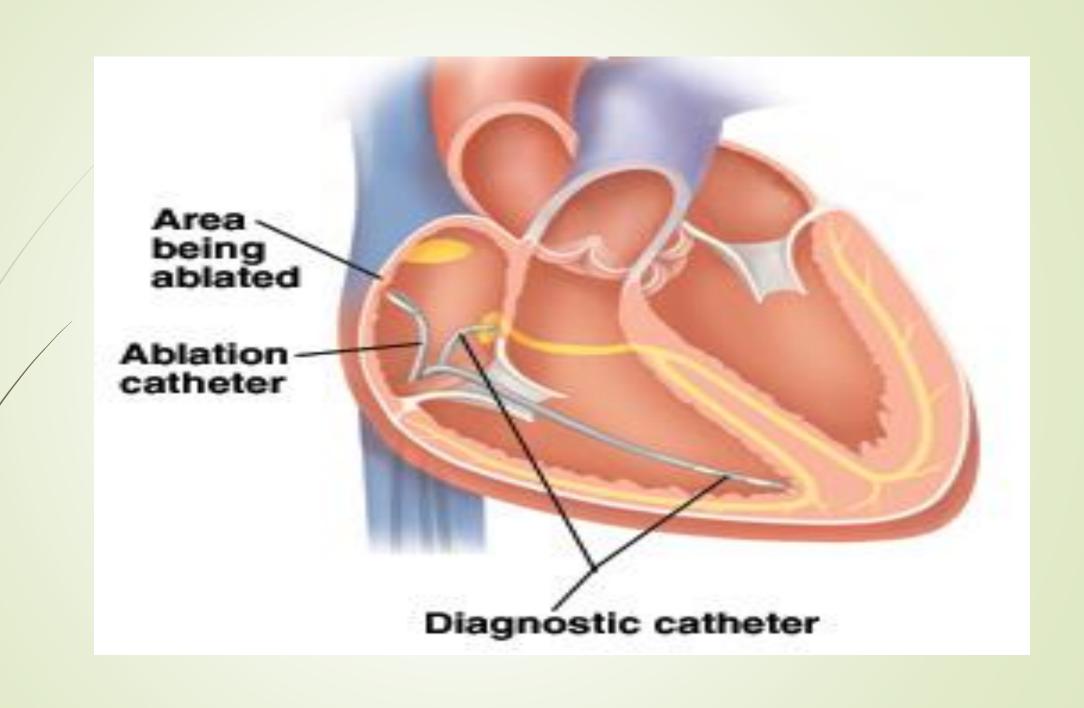


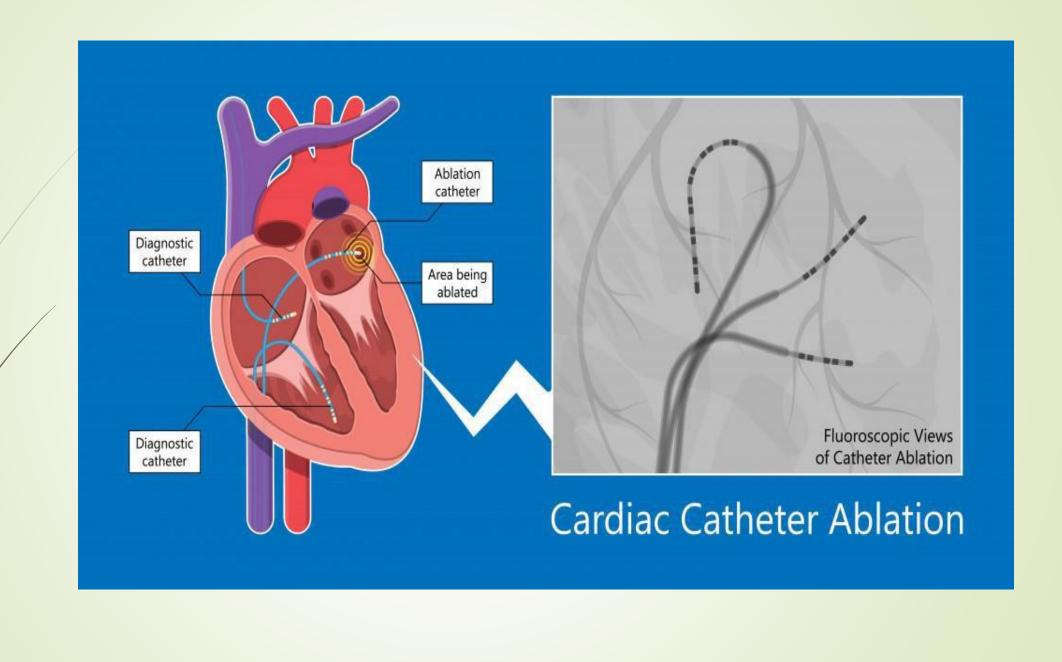


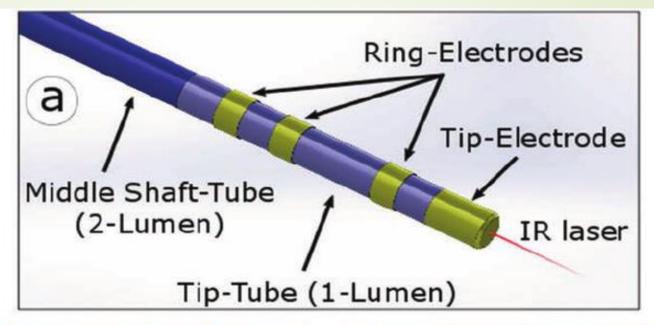






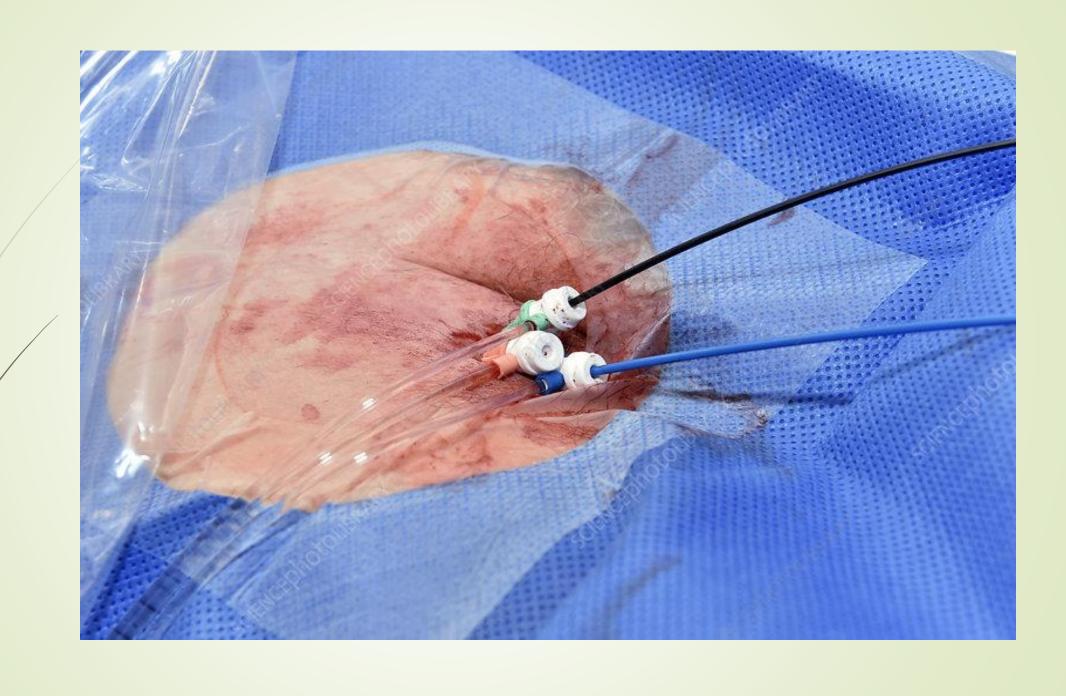




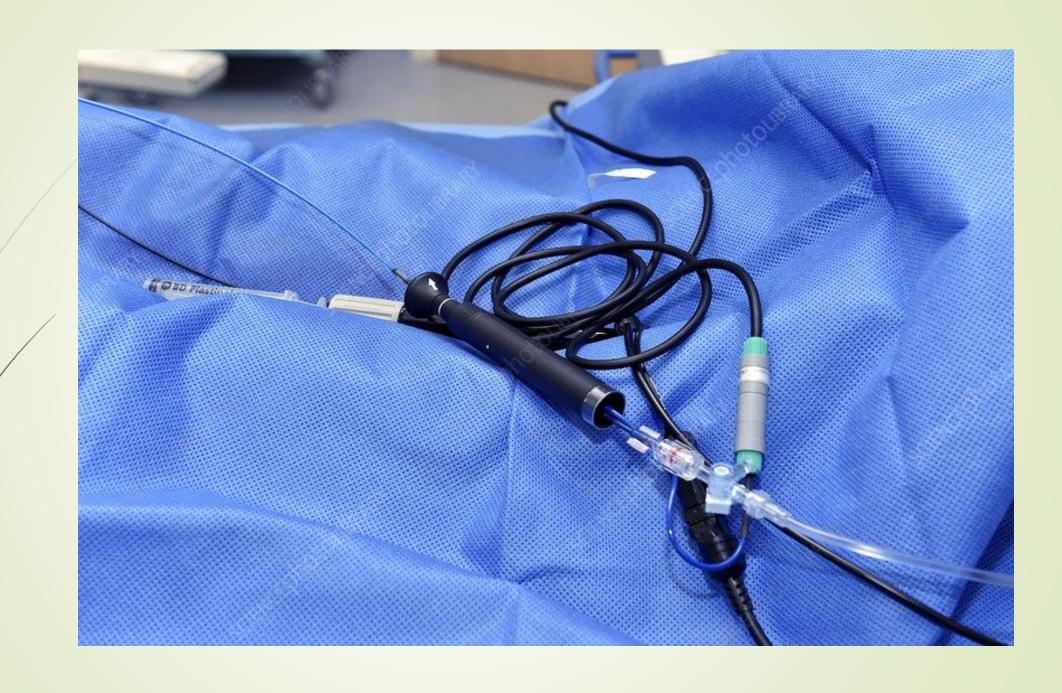






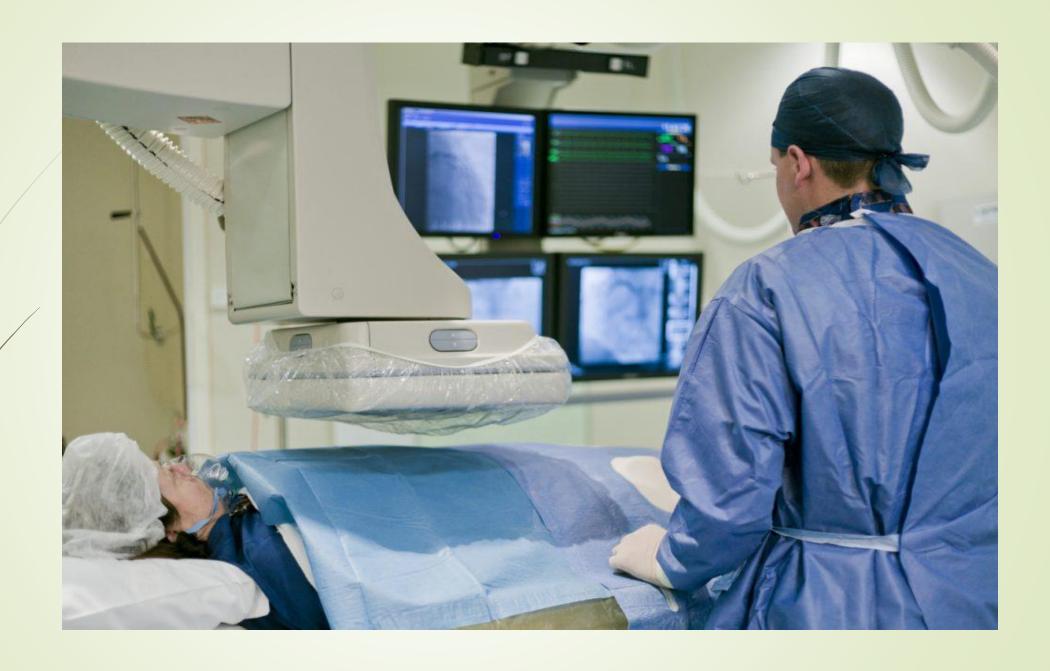




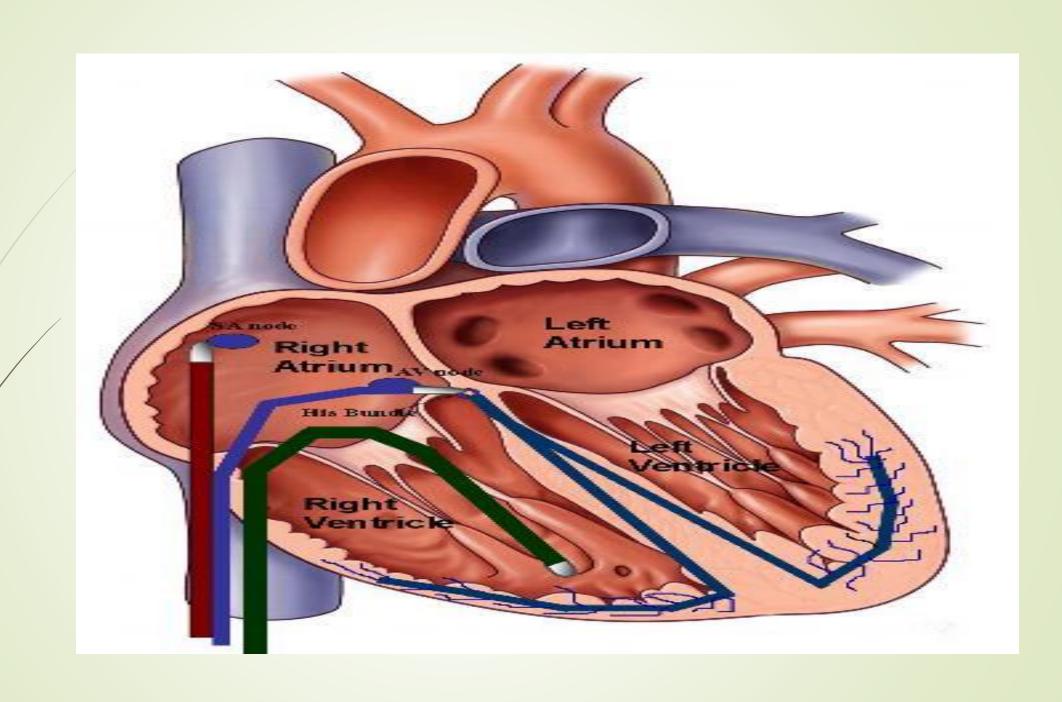


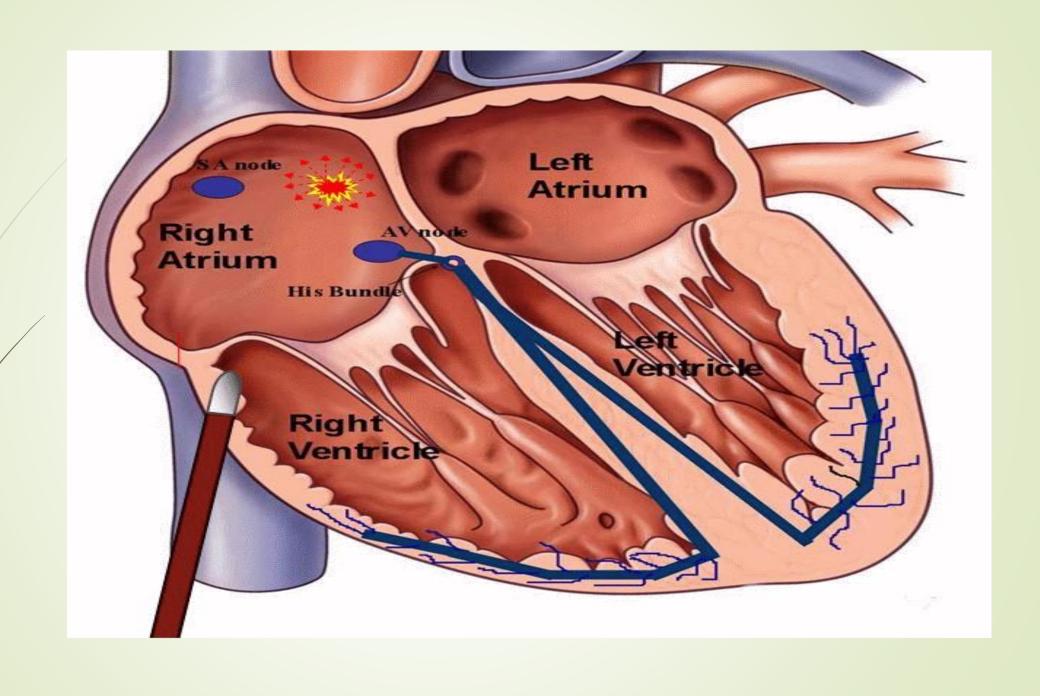


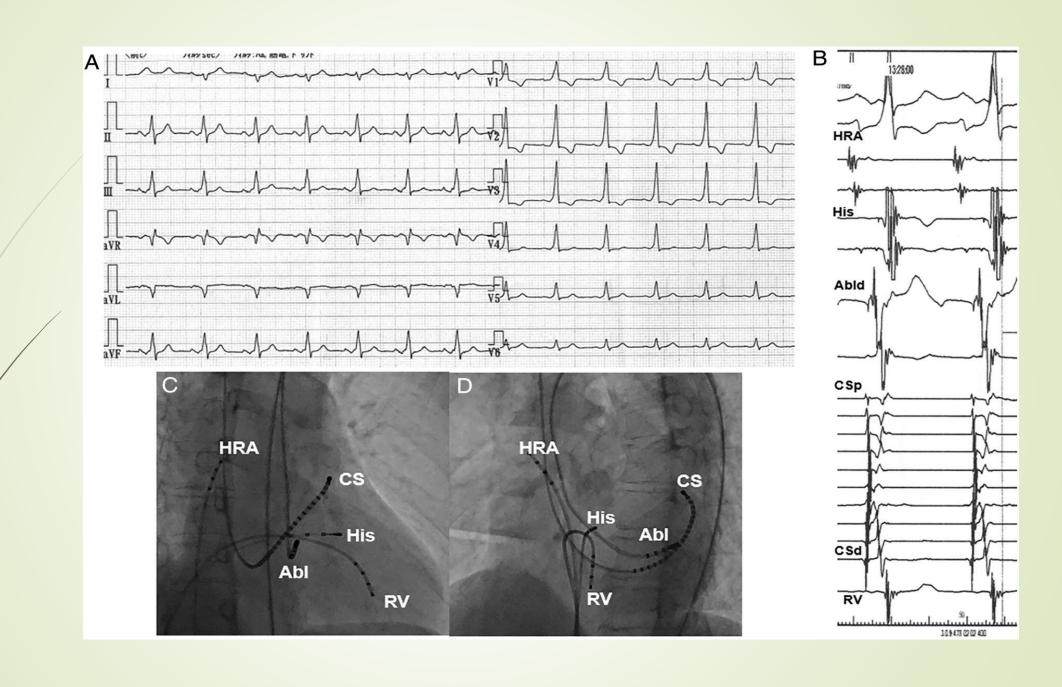


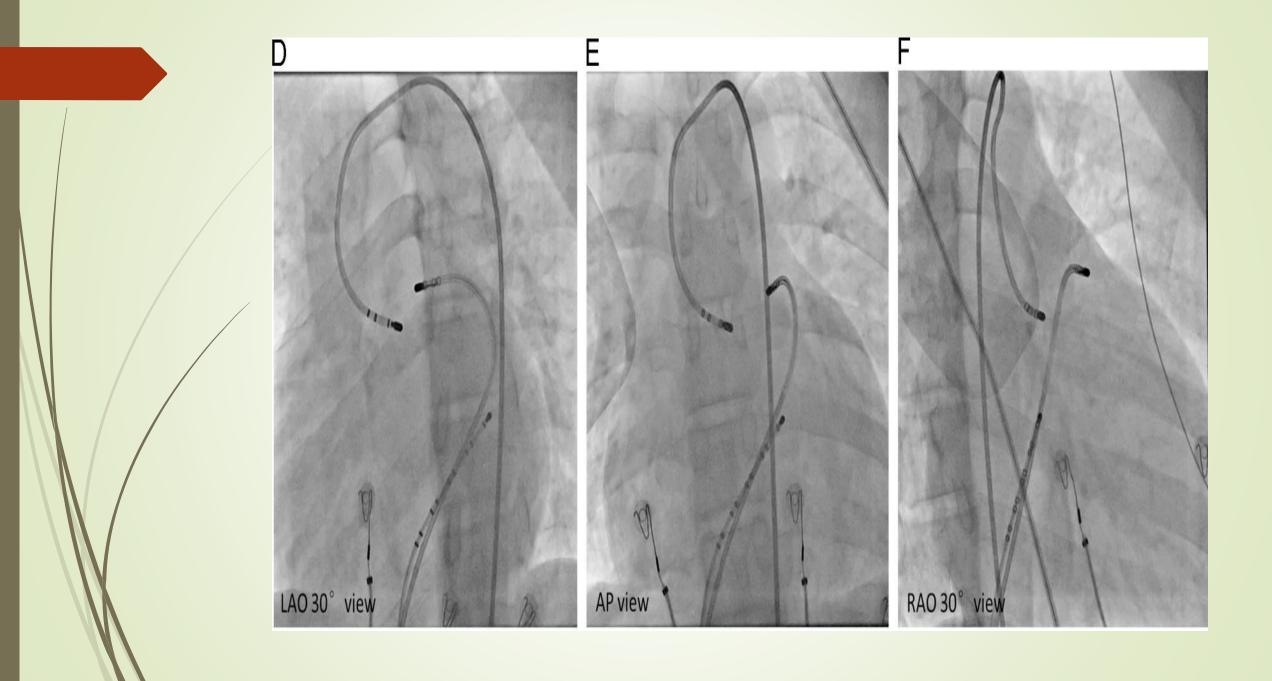


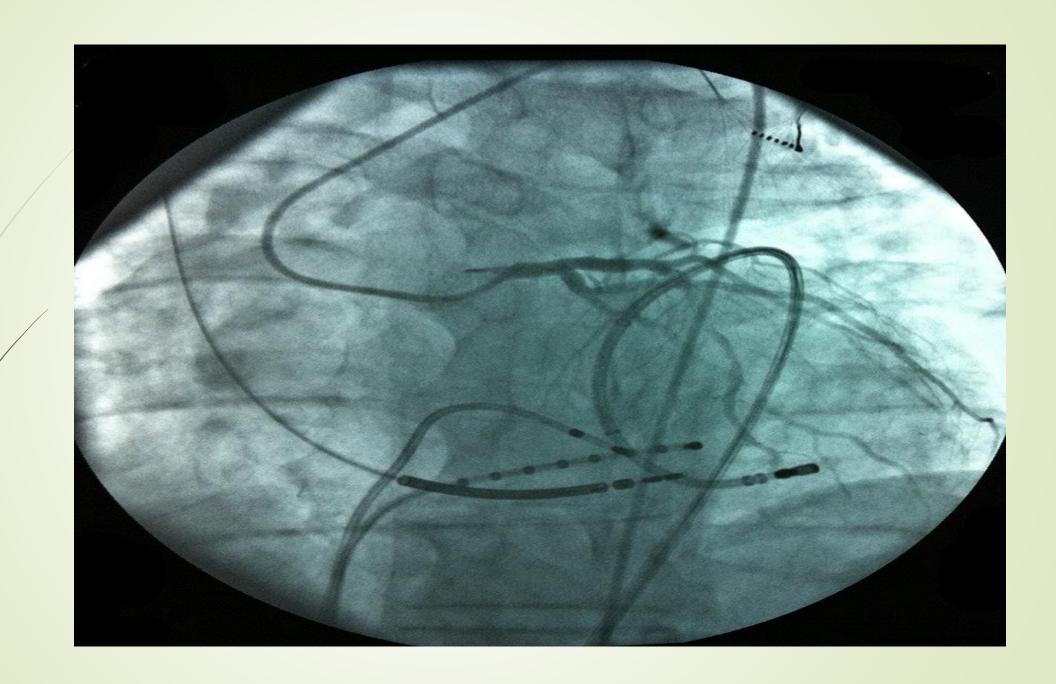


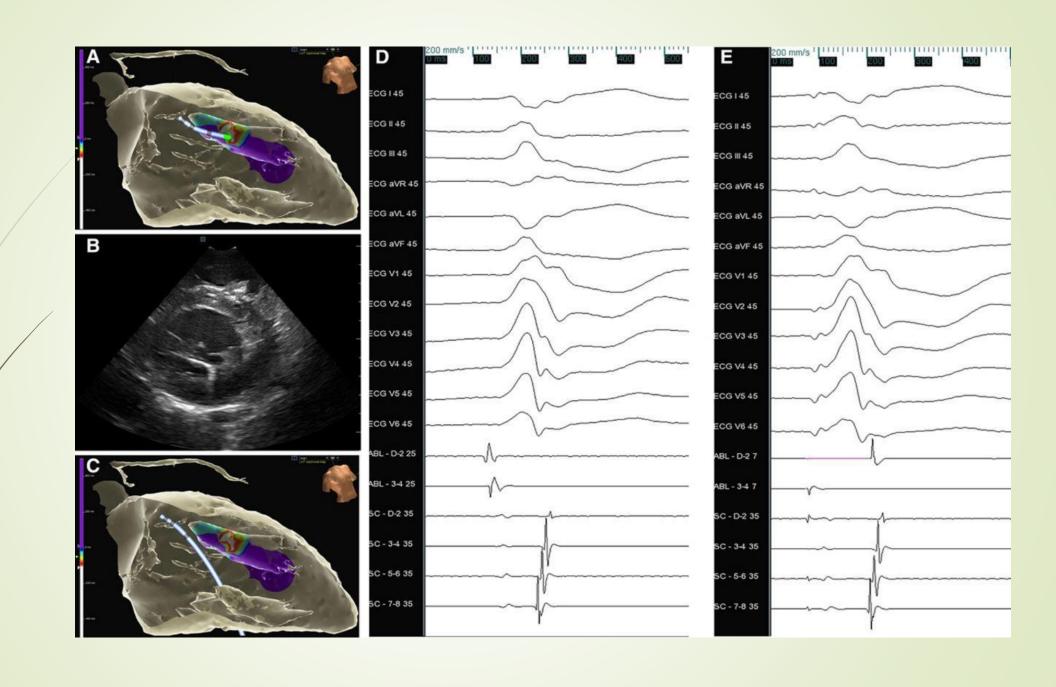


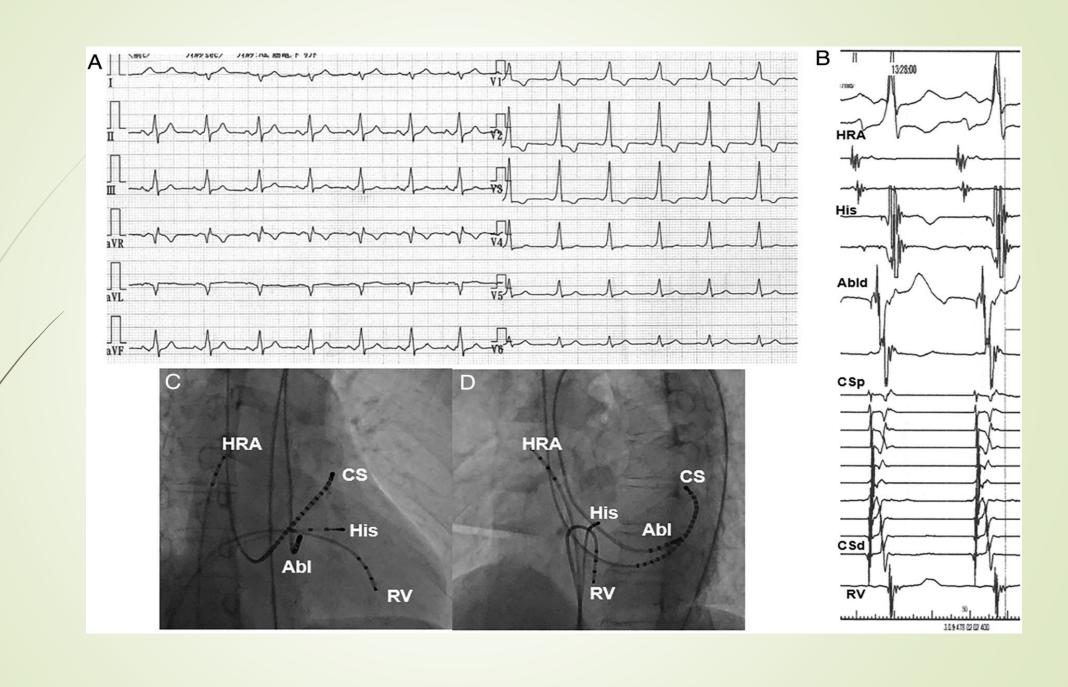


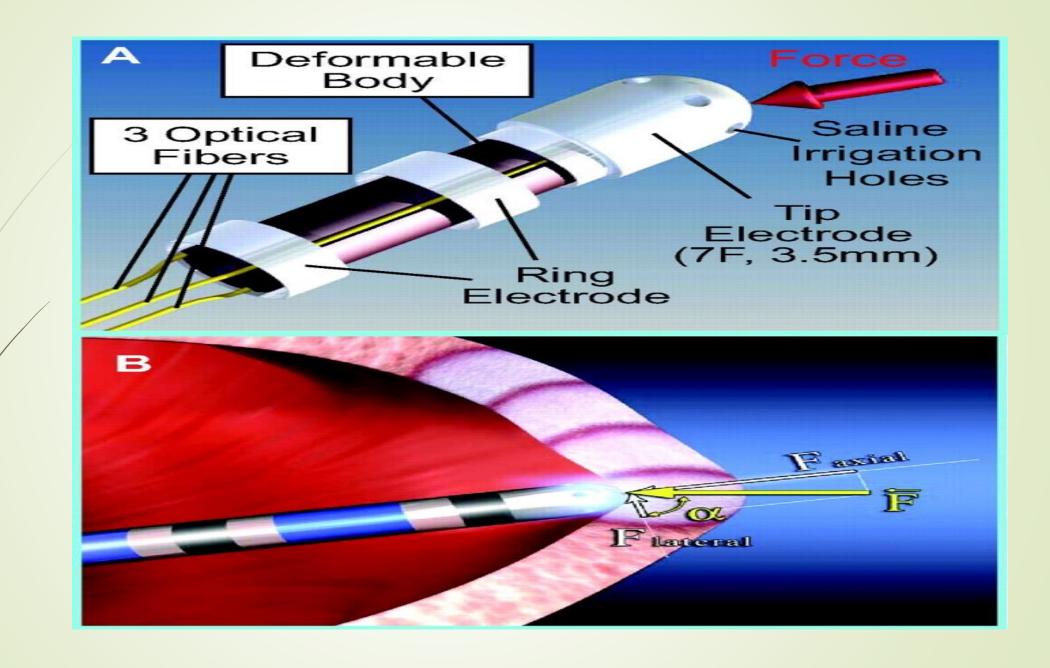


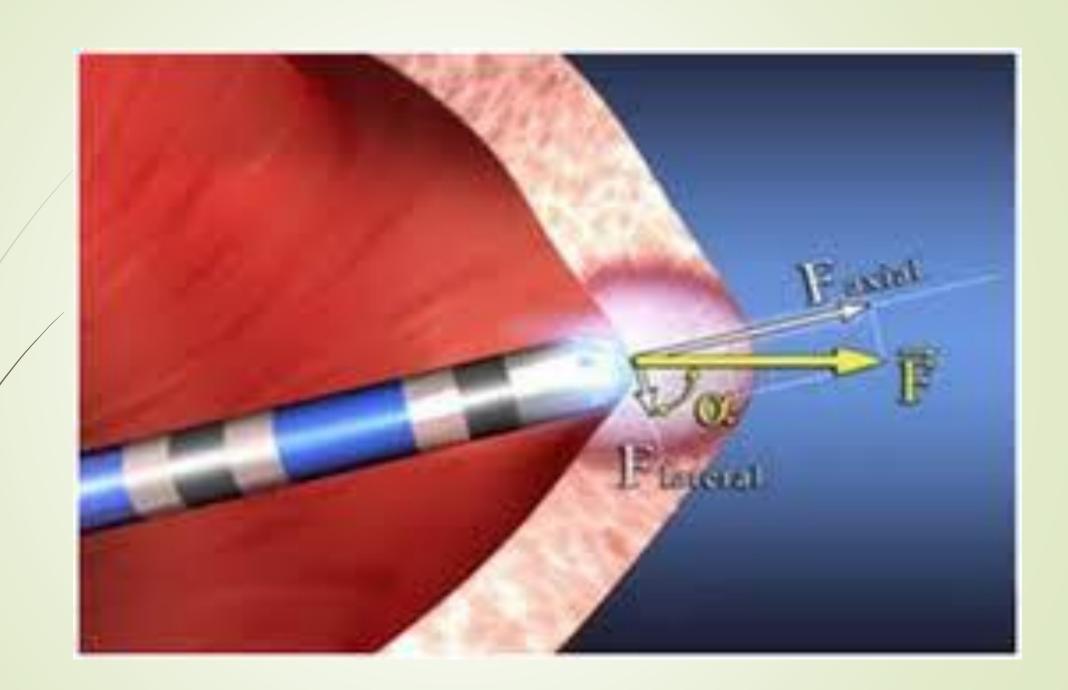


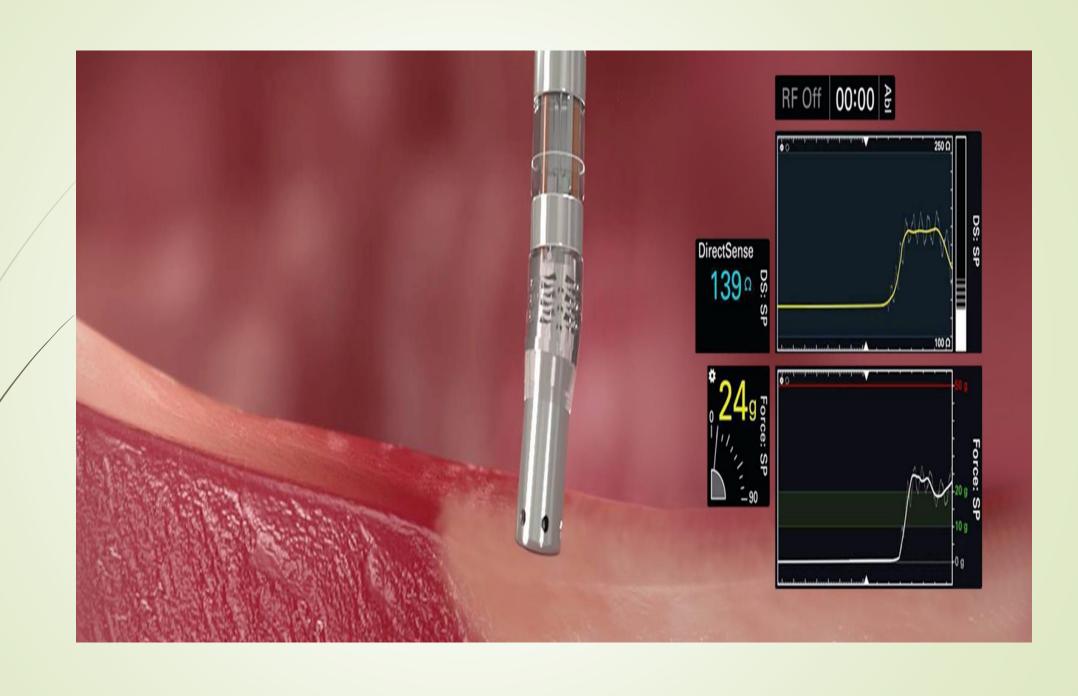


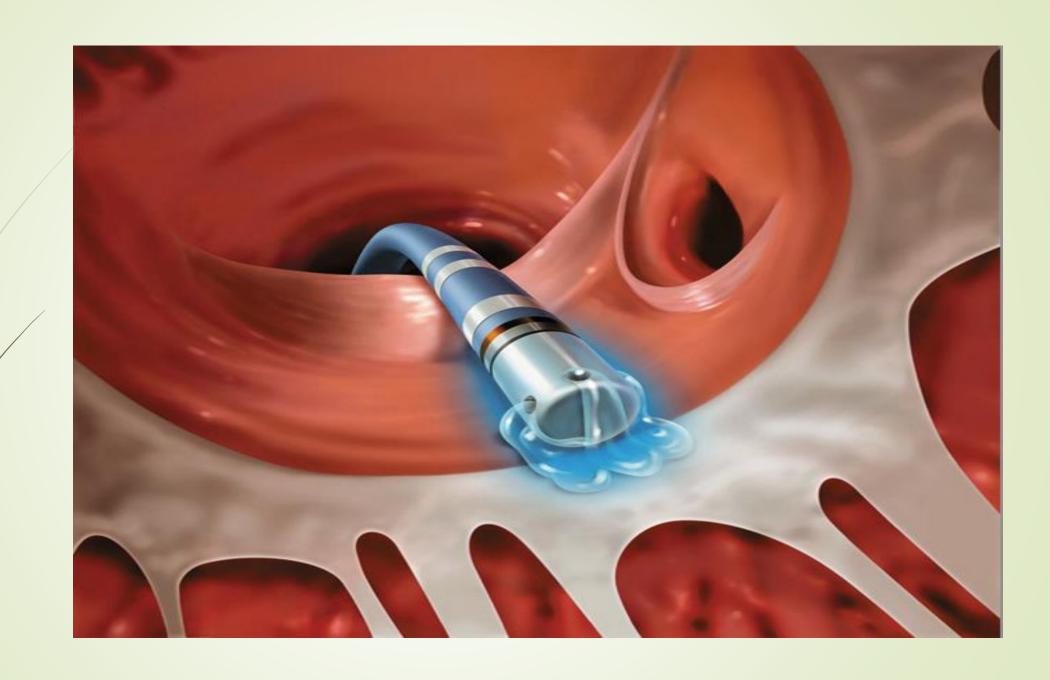


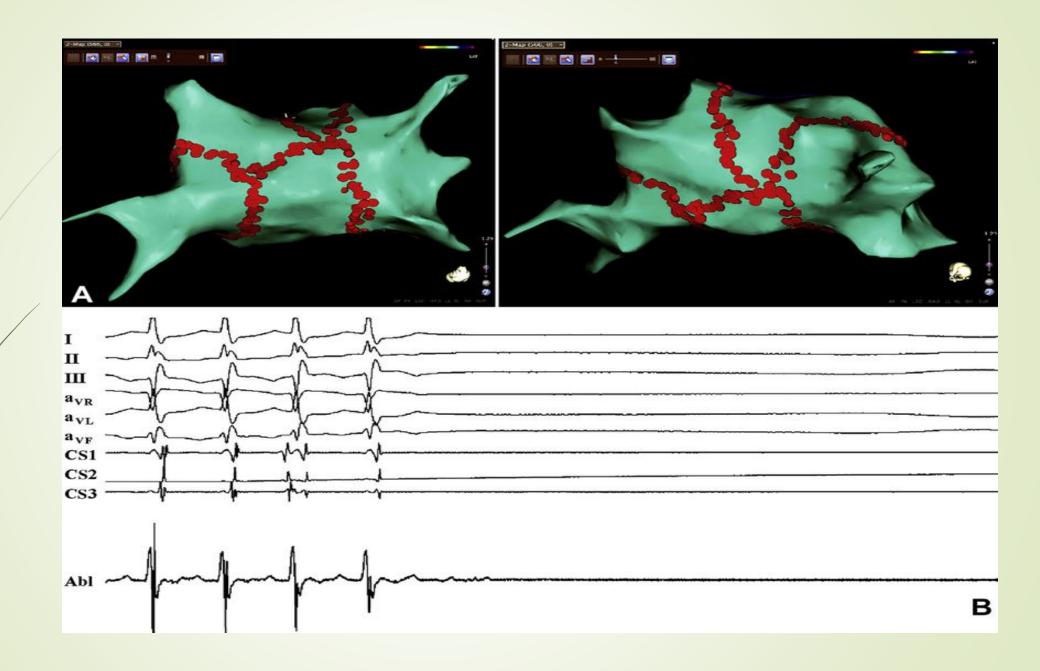


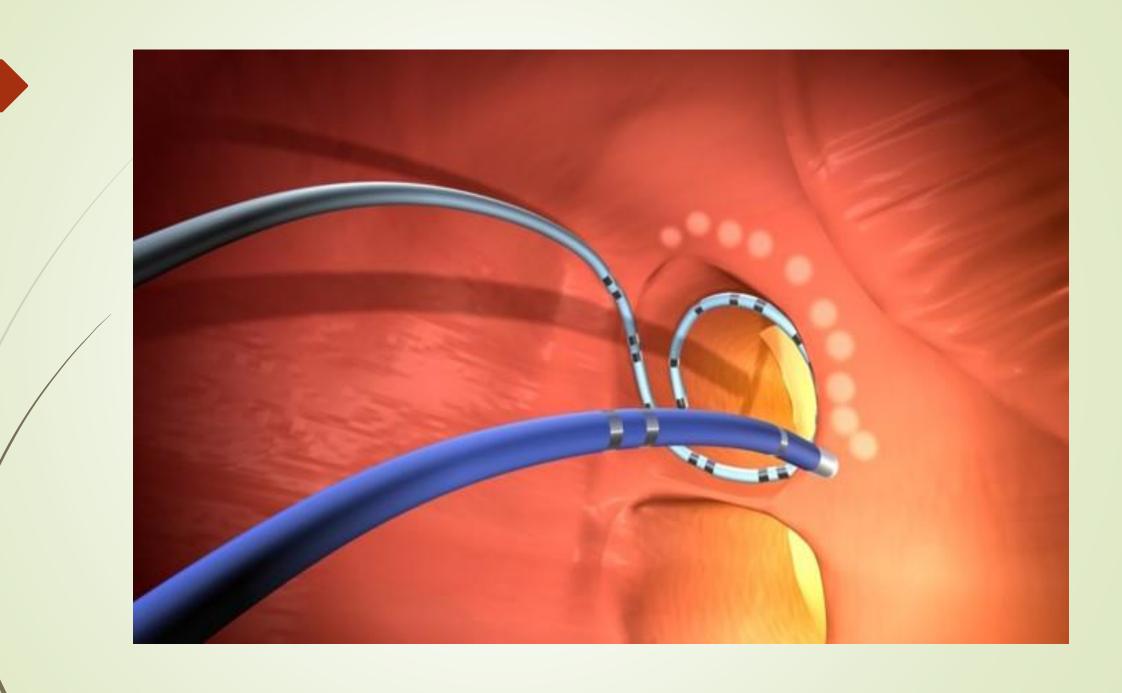


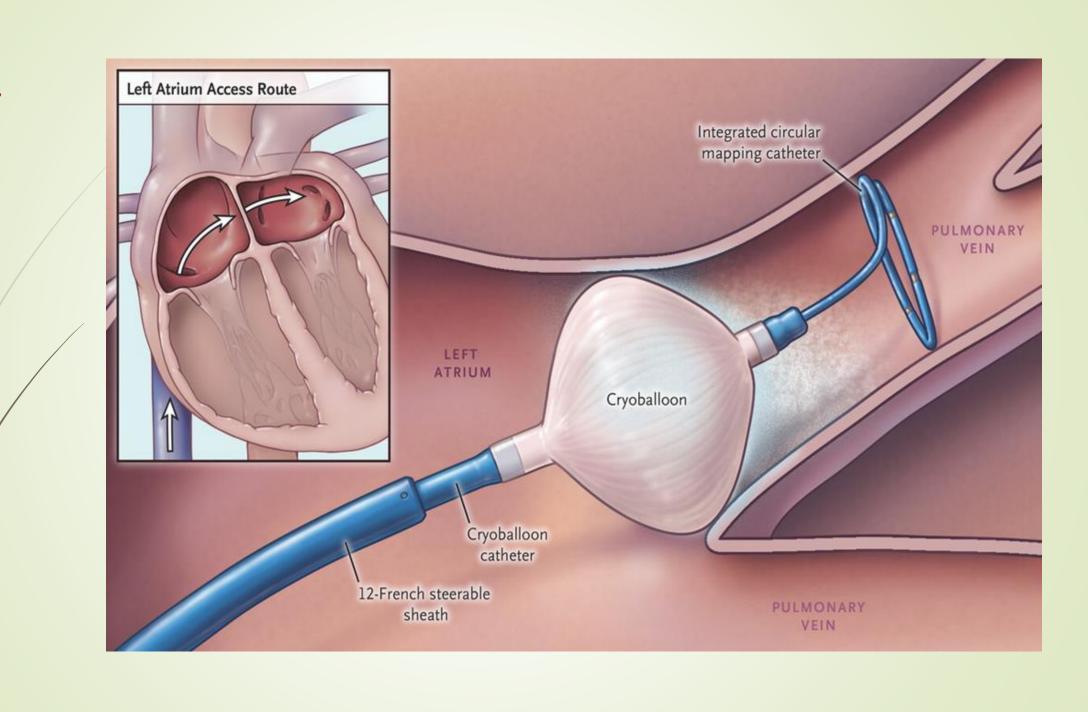


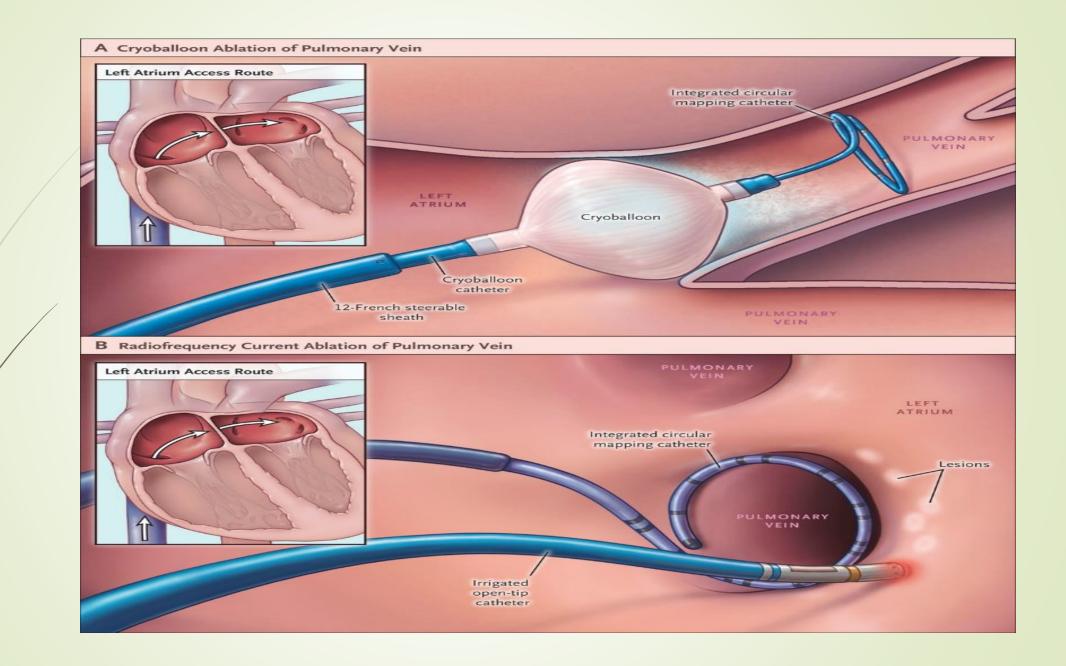












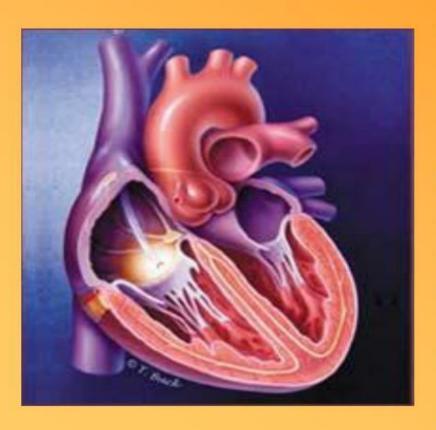
Indications for Catheter AF Ablation

- Symptomatic AF refractory or intolerant to at least one Class I or III antiarrhythmic medication
- In rare clinical situations, it may be appropriate as first-line therapy
- Selected symptomatic patients with heart failure and/or reduced ejection fraction
- Presence of a left atrial thrombus is contraindication to catheter ablation of AF

"It's far more important to know what person the disease has than what disease the person has."

Hippocrates

In cardiac ablation, a form of energy renders a small section of damaged tissue inactive. This puts an end to arrhythmias that originated at the problematic site



 Most often, cardiac ablation is used to treat rapid heartbeats that begin in the upper chambers, or atria, of the heart. As a group, these are know as supraventricular tachycardias, or SVTs. Types of SVTs are:

INDICATIONS

- Atrial Fibrillation
- Atrial Flutter
- AV Nodal Reentrant Tachycardia
- AV Reentrant Tachycardia
- Atrial Tachycardia

THANK YOU

