

**PMT FORM SELECTION: Ablation**

**Legend: Elements in bold are required  
Highlighted elements are newly added/amended**

**Patient ID:**

**PRE-ABLATION DIAGNOSIS AND EVALUATION**

<p><b>Indication for ablation:</b></p>	<p><input type="radio"/> First-line therapy in paroxysmal AF before antiarrhythmic therapy</p> <p><input type="radio"/> First-line therapy in persistent AF before antiarrhythmic therapy</p> <p><input type="radio"/> <b>Paroxysmal AF that is refractory or intolerant to <math>\geq 1</math> antiarrhythmic drugs</b></p>	<p><input type="radio"/> <b>Persistent AF that is refractory or intolerant to <math>\geq 1</math> antiarrhythmic drug</b></p> <p><input type="radio"/> <b>Long-standing persistent AF that has failed <math>\geq 1</math> antiarrhythmic drug</b></p> <p><input type="radio"/> Other (left atrial flutter, left atrial tachycardia, etc.)</p>
<p><b>Modified EHRA Symptoms Score:</b></p>	<p><input type="radio"/> I – No symptoms</p> <p><input type="radio"/> IIA – Mild symptoms (Normal daily activity not affected and symptoms not considered troublesome by patient)</p> <p><input type="radio"/> IIB – Moderate symptoms (Normal daily activity not affected but patient troubled by symptoms)</p> <p><input type="radio"/> III - Severe symptoms (Normal daily activity affected)</p> <p><input type="radio"/> IV – Disabling symptoms (Normal daily activity discontinued)</p> <p><input type="radio"/> ND</p>	
<p><b>Baseline Rhythm</b></p>	<p><input type="radio"/> <b>Atrial fibrillation</b>   <input type="radio"/> <b>Atrial flutter, typical right</b>   <input type="radio"/> <b>Atrial flutter, atypical</b></p> <p><input type="radio"/> <b>Sinus rhythm</b>   <input type="radio"/> <b>Other ( specify) <input type="text"/></b>   <input type="radio"/> <b>Unknown/ND</b></p>	
<p><b>Did the patient have prior ablations for atrial fibrillation</b> (do not count ablations for other arrhythmias):</p>	<p><input type="radio"/> 0 (no prior AF ablation)   <input type="radio"/> 1   <input type="radio"/> 2   <input type="radio"/> <math>\geq 3</math></p>	
<p><b>Left atrial diameter</b> _____(cm)   <input type="radio"/> ND</p>	<p><b>Left atrial volume</b> _____ (cm) <input type="radio"/> ND</p>	<p><b>Left atrial volume index ( mL/m2)</b> _____ <input type="radio"/> NDs</p>
<p>If Left atrial diameter ND, how was the atrial enlargement described?</p>	<p><input type="radio"/> Normal</p> <p><input type="radio"/> Mild enlargement</p> <p><input type="radio"/> Moderate enlargement</p>	<p><input type="radio"/> Severe enlargement</p> <p><input type="radio"/> Unknown</p>
<p><b>What was the peri-procedural anticoagulation strategy?</b></p>	<p><input type="radio"/> Uninterrupted anticoagulation strategy</p> <p><input type="radio"/> apixaban</p> <p><input type="radio"/> dabigatran</p> <p><input type="radio"/> edoxaban</p> <p><input type="radio"/> rivaroxaban</p> <p><input type="radio"/> warfarin</p> <p>pre-procedure INR _____</p> <p><input type="radio"/> Interrupted anticoagulation strategy</p> <p><input type="radio"/> apixaban</p> <p><input type="radio"/> dabigatran</p>	<p><input type="radio"/> edoxaban</p> <p><input type="radio"/> rivaroxaban</p> <p><input type="radio"/> warfarin</p> <p><input type="radio"/> Bridging anticoagulation strategy</p> <p><input type="radio"/> bivalirudin</p> <p><input type="radio"/> LMWH</p> <p><input type="radio"/> Unfractionated heparin</p> <p><input type="radio"/> Other</p>

**ABLATION PROCEDURE**

<b>What was the primary intraprocedural parenteral anticoagulant used?</b>		<input type="radio"/> Heparin <input type="radio"/> Bivalirudin <input type="radio"/> Other <input type="radio"/> None, Reason for not prescribing (check all that apply): <input type="radio"/> Major bleeding event <input type="radio"/> Minor bleeding event <input type="radio"/> Risk of bleeding
<b>Anesthesia used during the procedure:</b>		<input checked="" type="radio"/> General anesthesia with endotracheal tube intubation <input checked="" type="radio"/> General anesthesia with JET or high frequency ventilation <input checked="" type="radio"/> General anesthesia with laryngeal mask airway <input checked="" type="radio"/> IV conscious sedation without intubation or mechanical airway <input checked="" type="radio"/> Other <input checked="" type="radio"/> Unable to determine
<b>Type of Ablation Procedure</b>		<input checked="" type="radio"/> Percutaneous catheter ablation <input checked="" type="radio"/> Surgical ablation <input checked="" type="radio"/> Hybrid approach (surgical and percutaneous) <input checked="" type="radio"/> Other _____
<b>Energy and catheter type used (check all that apply):</b>	<input type="checkbox"/> Irrigated RFA without contact force sensing <input type="checkbox"/> Irrigated RFA with contact force sensing <input type="checkbox"/> Cryo balloon	<input type="checkbox"/> Laser balloon <input type="checkbox"/> Other _____
<b>Imaging/mapping used: (check all that apply):</b>		<input type="checkbox"/> Preprocedure TEE <input type="checkbox"/> Intraoperative TEE <input type="checkbox"/> Preprocedure CT <input type="checkbox"/> Preprocedure MRI <input type="checkbox"/> Rotational angiography <input type="checkbox"/> Intracardiac echocardiography (ICE) <input type="checkbox"/> 3D electroanatomic mapping
<b>Trans-septal approach used for the ablation procedure:</b>		<input type="radio"/> Brockenbrough/mechanical needle <input type="radio"/> Radiofrequency needle <input type="radio"/> Other, such as entry through patent foramen ovale <input type="radio"/> Trans-septal method not utilized
<b>Procedure Date and Time:</b>	Date (MM/DD/YYYY): ____/____/____ Total Procedure Time __:__:__(MM:SS) Total Ablation time: __:__:__(MM:SS)	
	Total Fluoroscopy time: __:__:__(MM:SS) Total Fluoroscopy Dose: _____ (mGy/cm <sup>2</sup> )	
<b>Ablation Approach (Check all that apply):</b>	<input checked="" type="checkbox"/> <b>Wide-area catheter ablation</b> <input type="checkbox"/> Isolation of all PVs was attempted <input type="checkbox"/> Left superior PV isolation attempted <input type="checkbox"/> Left inferior PV isolation attempted <input type="checkbox"/> Right superior PV isolation was attempted <input type="checkbox"/> Right inferior PV isolation was attempted  <input checked="" type="checkbox"/> <b>Circumferential PV ablation</b> <input type="checkbox"/> Isolation all PVs was attempted <input type="checkbox"/> Left superior PV isolation was attempted <input type="checkbox"/> Left inferior PV isolation was attempted <input type="checkbox"/> Right superior PV isolation was attempted <input type="checkbox"/> Right inferior PV isolation was attempted	
	<input type="checkbox"/> <b>Segmental ostial isolation</b> <input type="checkbox"/> Isolation of all PVs was attempted <input type="checkbox"/> Left superior PV isolation attempted <input type="checkbox"/> Left inferior PV isolation attempted <input type="checkbox"/> Right superior PV isolation was attempted <input type="checkbox"/> Right inferior PV isolation was attempted  <input type="checkbox"/> <b>Other Approaches</b> <input type="checkbox"/> Complex fractionated atrial electrogram (CFAE) ablation <input type="checkbox"/> <b>Left atrium</b> <input type="checkbox"/> <b>Right atrium</b> <input type="checkbox"/> Left atrial roof line <input type="checkbox"/> Mitral isthmus line <input type="checkbox"/> Septal mitral isthmus line <input type="checkbox"/> Targeted ganglia ablation <input type="checkbox"/> Superior vena cava isolation <input type="checkbox"/> Left atrial appendage <input type="checkbox"/> Left atrial posterior/inferior line <input type="checkbox"/> Left carinal ablation <input type="checkbox"/> Right carinal ablation <input type="checkbox"/> Right-sided CTI line for flutter	

<p><b>Ablation endpoints achieved (Check all that apply):</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> AF not inducible</li> <li><input type="checkbox"/> AF termination during ablation</li> <li><input type="checkbox"/> Left inferior pulmonary vein isolation                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Entrance block</li> <li><input type="checkbox"/> Exit block</li> <li><input type="checkbox"/> Bidirectional block</li> </ul> </li> <li><input type="checkbox"/> Left superior pulmonary vein isolation                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Entrance block</li> <li><input type="checkbox"/> Exit block</li> <li><input type="checkbox"/> Bidirectional block</li> </ul> </li> <li><input type="checkbox"/> Right inferior pulmonary vein isolation                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Entrance block</li> <li><input type="checkbox"/> Exit block</li> <li><input type="checkbox"/> Bidirectional block</li> </ul> </li> <li><input type="checkbox"/> Right superior pulmonary vein isolation                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Entrance block</li> <li><input type="checkbox"/> Exit block</li> <li><input type="checkbox"/> Bidirectional block</li> </ul> </li> <li><input checked="" type="checkbox"/> Right middle pulmonary vein isolation                         <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Entrance block</li> <li><input checked="" type="checkbox"/> Exit block</li> <li><input checked="" type="checkbox"/> Bidirectional block</li> </ul> </li> </ul>
<p><b>Provocation testing (Check all that apply):</b></p>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Burst pacing</li> <li><input type="checkbox"/> Isoproterenol</li> <li><input type="checkbox"/> Adenosine</li> <li><input type="checkbox"/> Other</li> <li><input type="checkbox"/> None/ND</li> </ul>
<p><b>Did cardioversion occur?</b></p>	<p><input checked="" type="radio"/> Yes <input type="radio"/> No</p> <ul style="list-style-type: none"> <li><input type="radio"/> Resulted from procedure</li> <li><input type="radio"/> Electrocardioversion performed</li> <li><input type="radio"/> Pharmacological cardioversion performed</li> </ul>
<p><b>Post ablation rhythm:</b></p>	<p><input type="radio"/> Atrial fibrillation <input type="radio"/> Atrial flutter, typical right <input type="radio"/> Atrial flutter, atypical <input type="radio"/> Sinus rhythm</p> <p><input type="radio"/> Other ( specify) <input style="width: 50px; height: 15px;" type="text"/> <input type="radio"/> Unknown/ND</p>

**COMPLICATIONS**

<p><b>Complications noted during and post-procedure:</b></p>	<p><input type="radio"/> Yes <input type="radio"/> No</p> <p>(If yes, Check all that apply):</p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Air embolus</li> <li><input type="checkbox"/> Atrioesophageal fistula</li> <li><input type="checkbox"/> Aspiration</li> <li><input type="checkbox"/> AV fistula                         <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Requiring surgical repair</li> </ul> </li> <li><input type="checkbox"/> Complication from anesthesia</li> <li><input type="checkbox"/> Death</li> <li><input type="checkbox"/> Deep venous thrombosis</li> <li><input type="checkbox"/> Hematoma</li> <li><input type="checkbox"/> Hemopericardium (check all that apply):                         <ul style="list-style-type: none"> <li><input type="checkbox"/> Tamponade</li> <li><input type="checkbox"/> Pericardiocentesis</li> <li><input checked="" type="checkbox"/> Requiring surgical drainage and/or repair</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li><input type="checkbox"/> Hemorrhage requiring transfusion</li> <li><input type="checkbox"/> Phrenic nerve injury</li> <li><input type="checkbox"/> Pseudo aneurysm                         <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Requiring surgical repair</li> </ul> </li> <li><input type="checkbox"/> Hemorrhage requiring transfusion</li> <li><input type="checkbox"/> Phrenic nerve injury</li> <li><input type="checkbox"/> Pseudo aneurysm</li> <li><input type="checkbox"/> Pulmonary embolism</li> <li><input type="checkbox"/> PV stenosis</li> <li><input type="checkbox"/> Retroperitoneal bleed</li> <li><input type="checkbox"/> Stroke</li> <li><input checked="" type="checkbox"/> Perforation or tamponade requiring surgery</li> <li><input type="checkbox"/> Transient ischemic attack</li> <li><input type="checkbox"/> Urinary tract infection</li> <li><input type="checkbox"/> Volume overload/pulmonary edema)</li> <li><input type="checkbox"/> Other</li> </ul>
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