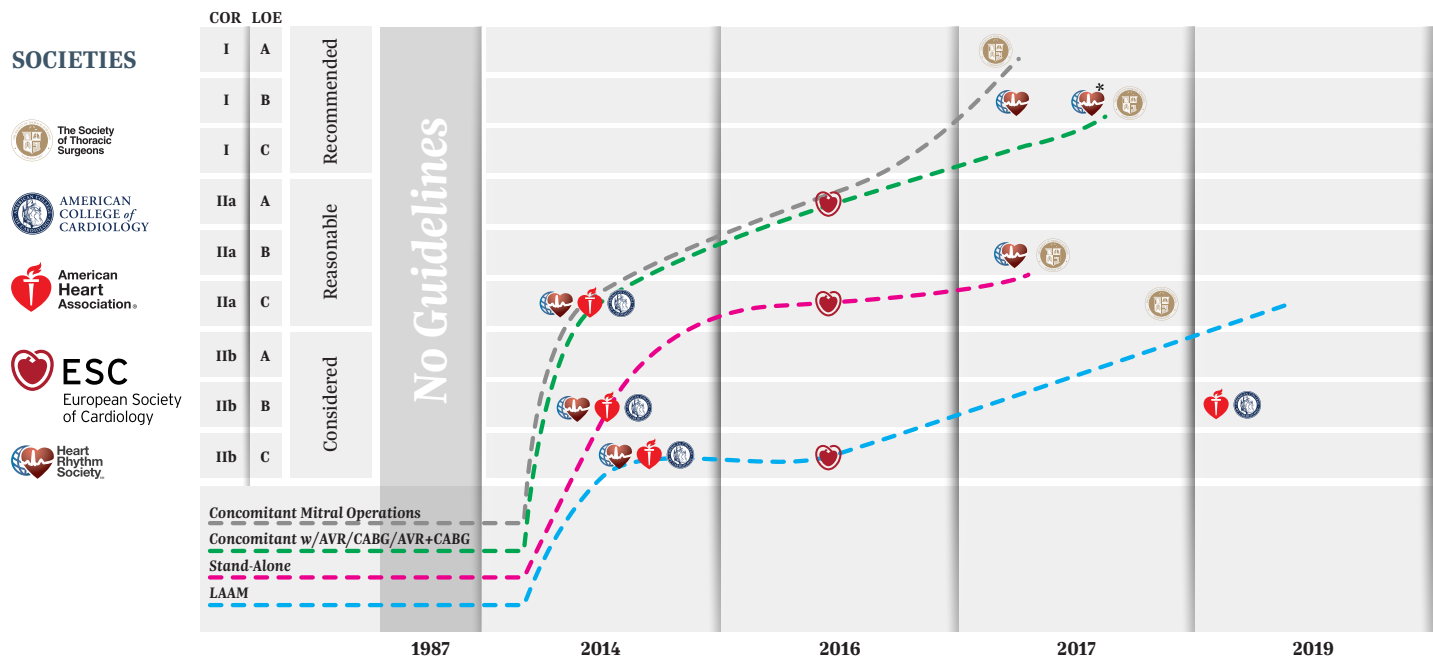


DO SOMETHING

ACT
against Afib

Do Something

Concomitant Surgical Ablation has a **Class I** Recommendation



A wealth of data led the Surgical Thoracic and Heart Rhythm Societies to make a Class I recommendation that patients with Afib undergoing valve or coronary surgeries receive surgical Afib treatment.^{1,6}

Cox Maze IV yields the highest efficacy for Afib treatment, but literature shows progressive efficacy for each additive lesion set of the Cox Maze IV.

Lesion Set Options Reported Experiences: 1–5 year retro and prospective peer-reviewed publications both on and off AADs

Approach	Reported Experiences w/ Surgical Ablation	Ablation Duration	Endocardial PVI Outcomes (Lone Afib)
Pulmonary Vein Isolation (PVI)	PAF ~50–90% ^{2,14,19}	Note: + = Time +	PAF ~70% – meta-analysis ¹¹
	nPAF ~60% ^{2,15}		nPAF ~50% – meta-analysis ¹¹
Box Set Lesion (Box)	nPAF ~55–70% ^{16,20}	++	Reported Experiences: 1–5 year retro and prospective peer-reviewed publications both on and off AADs
Left Atrial Lesion Set (LAL)	nPAF ~73–86% ^{17,18,21}	+++	
Bi-Atrial Lesion Set (Maze)	nPAF ~80–90% ⁷⁻⁹	++++	
Left Atrial Appendage Management (LAAM)			
Effectiveness of LAAM Modalities			
LAAM is often part of surgical ablation procedures	Epicardial Clip Exclusion: 97% (93-100%) ²²⁻³² Excision: 74% (45-100%) successful closure ^{33,34,36} Staple Ligation: 56% (0-71%) successful closure ³³⁻³⁵ Suture Ligation: 36% (23-49%) successful closure ³³⁻³⁶		

LAA exclusion has always been a part of the Maze procedure.

The success of various procedures may be influenced by several factors, which may predict the outcome, such as duration of pre-procedural Afib, type of Afib, lesion set performed, left atrial size, patient's age, atrial fibrillation wave <1.0mm, experience of the operator, left atrial reduction, and device used.

*AVR/CABG concomitant ablation Class I LDR for symptomatic persistent and long-standing persistent "refractory or intolerant to at least one Class I or III antiarrhythmic medication."
 AADs: antiarrhythmic drugs

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