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Atrial fibrillation catheter ablation guidelines

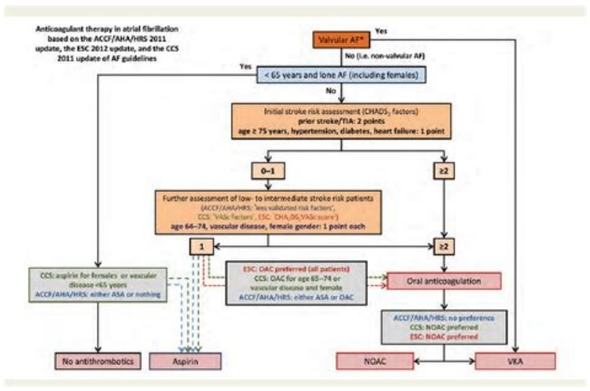
SIGNIFICANT REDUCTIONS IN EVENT RATES 12 MONTHS AFTER CATHETER ABLATION COMPARED TO 12 MONTHS BEFORE ABLATION (PER PATIENT PER YEAR)

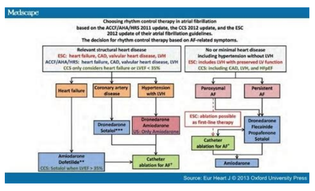
	12 months before ablation	12 months after ablation	24 months after ablation	% Reduction
All-cause hospitalizations	0.8	0.6	0.4	25%-50%
Hospitalizations for AF	0.4	0.3	-	25%
Emergency room visits	2.9	1.8	-	38%
Cardioversions	0.5	0.2	0.1	60%-80%
Echocardiograms	0.8	0.5	0.3	38%-63%

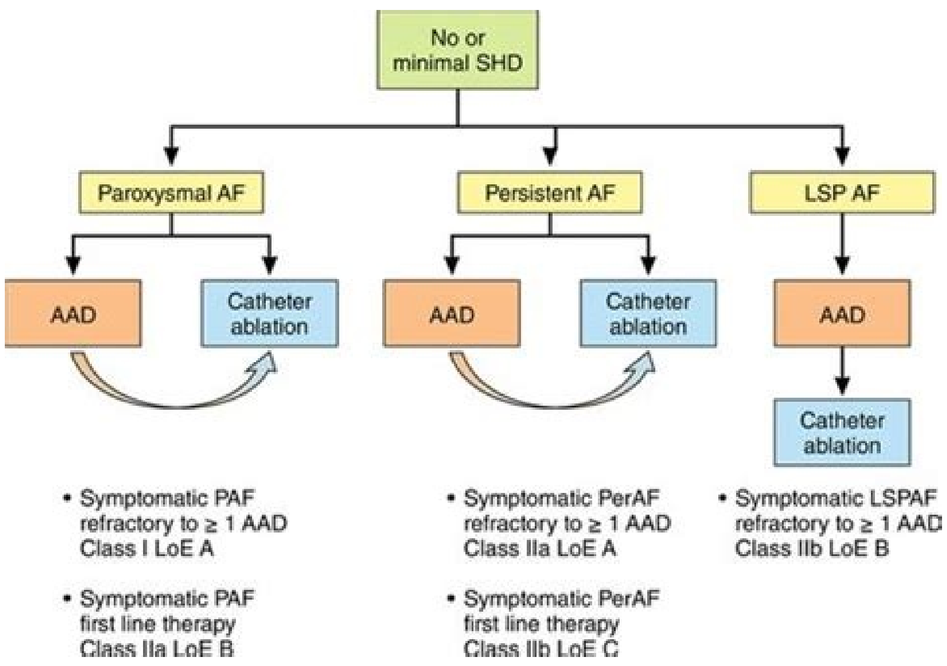
NB: All trends p<0.05
Source: Samuel et al. (2017)

Complication severity	Complication type	Rate[727, 748, 750, 754-759]
Life-threatening complications	Periprocedural death	<0.2%
	Oesophageal injury (perforation/fistula)[a]	<0.5%
	Periprocedural stroke (including TIA/air embolism)	<1%
	Cardiac tamponade	1–2%
Severe complications	Pulmonary vein stenosis	<1%
	Persistent phrenic nerve palsy	1–2%
	Vascular complications	2–4%
	Other severe complications	≈1%
Other moderate or minor complications		1–2%
Unknown significance	Asymptomatic cerebral embolism (silent stroke)[b]	5–20%
	Radiation exposure	

TIA = transient ischaemic attack.
[a]Oesophageal fistula should be suspected in patients presenting with the triad of unspecific signs of infection, chest pain, and stroke or TIA in the first weeks after an ablation procedure. It requires immediate therapy.
[b]<10% for cryoablation or radiofrequency ablation, >20% for phased radiofrequency ablation.







Catheter and surgical ablation of atrial fibrillation guidelines. 2012 catheter and surgical ablation of atrial fibrillation guidelines.

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Heart rate. 2015; 0: 0 – 0. [Google Scholar] Page 2 RISK factors for recurrence to atrial fibrillation after a risk of recurrence between increased recurrence with progression of duration and cardiac atrial dilation of atrial dilation; Left ventricular function; hypertrophic cardiomyopathy; Characteristics of heart valve tinamy; obesity; obstructive sleep apnea / sleep disturbed suspension; metabolic syndrome; thyroid disease Dec 02, 2021 · Proposal for early rhythm control management of patients with atrial fibrillation (AF) irrespective of symptoms. The proposed time interval since first AF diagnosis is based on the median time reported in the EAST-AFNET 4 trial. 5 Required cardiovascular conditions are defined as: age >75 years or post stroke/transient ischaemic attack or two of the following ... Electrical cardioversion often successfully restores regular heart rhythm, but for some patients their atrial fibrillation may return. In many instances, anti-arrhythmia medications are needed indefinitely to keep the heart’s rhythm and rate in the best range. Radiofrequency ablation or catheter ablation Patients were randomly assigned in a 1:1 fashion to AV junction ablation and biventricular pacing (plus defibrillator according to guidelines 7) (Ablation + CRT arm) or optimal pharmacological rate control therapy (plus defibrillator according to guidelines) (Drug arm). A randomly permuted-block randomization list was generated by computer at a ... Atrial Fibrillation (AFib) is the most common form of heart arrhythmia, or irregular heartbeat. For more than 2 million Americans, the electrical signals that control their heart contractions are ... Catheter ablation can stop atrial fibrillation from happening and can relieve symptoms. Your doctor can help you decide if ablation is a good choice based on your health. Catheter ablation works better in people who have paroxysmal atrial fibrillation (episodes last 7 days or less) than in people who have persistent atrial fibrillation ... Nov 11, 2021 · INTRODUCTION. Atrial fibrillation (AF) is the most commonly treated cardiac arrhythmia. (See "Epidemiology of and risk factors for atrial fibrillation", section on 'Epidemiology'.). AF is generally associated with an irregularly irregular ventricular rhythm and absence of distinct P waves. Jan 22, 2016 · Atrial Fibrillation 1. Atrial Fibrillation 2. A Fib • Atrial fibrillation (AF) is the most common cardiac arrhythmia • Prevalence increases with age - 1 in 5 people over the age of 85 years having the condition, compared to

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