

## The risk of AF itself...

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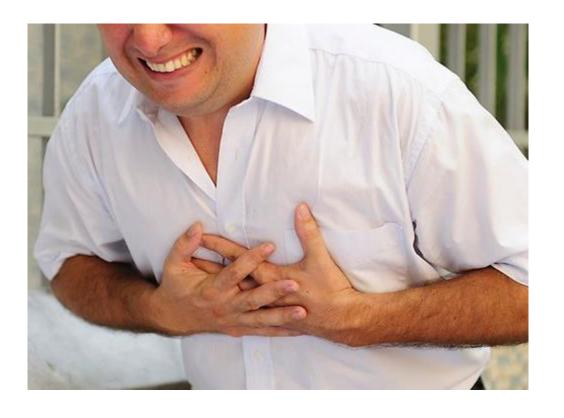
Consultant Electrophysiologist

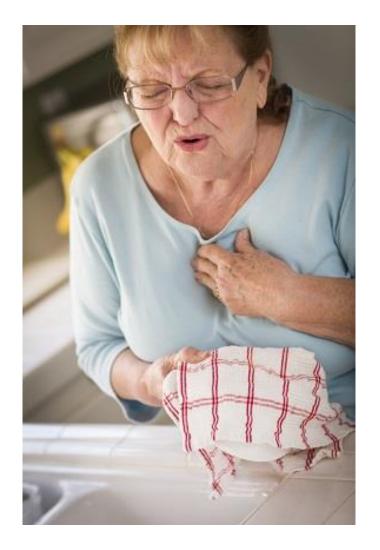
Special Interest – congenital heart disease

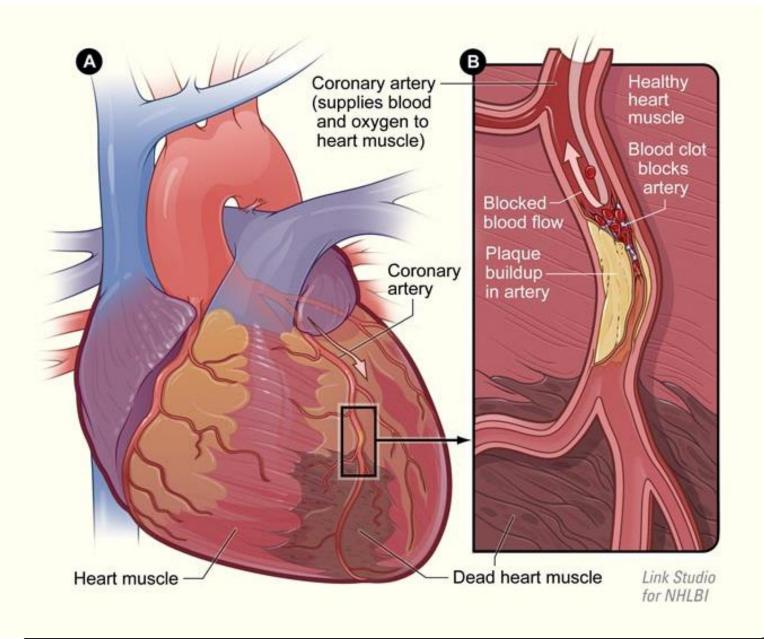
Birmingham HRC October 2016

## What is **NOT** a risk of AF?

### **NOT** a risk of AF

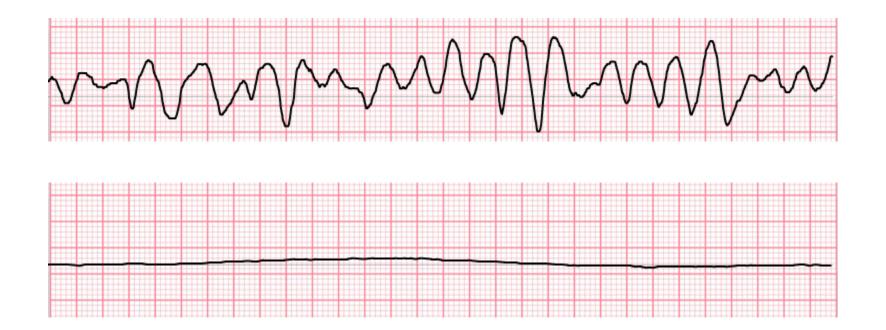






### **NOT** a risk of AF



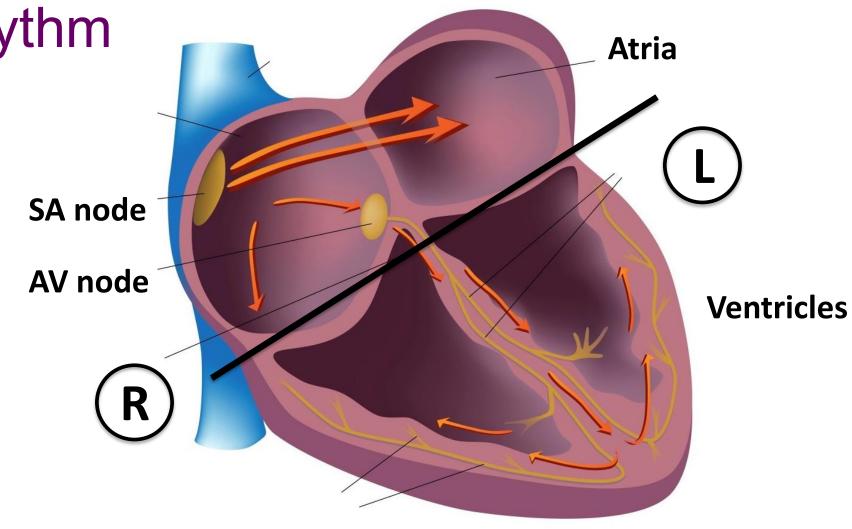


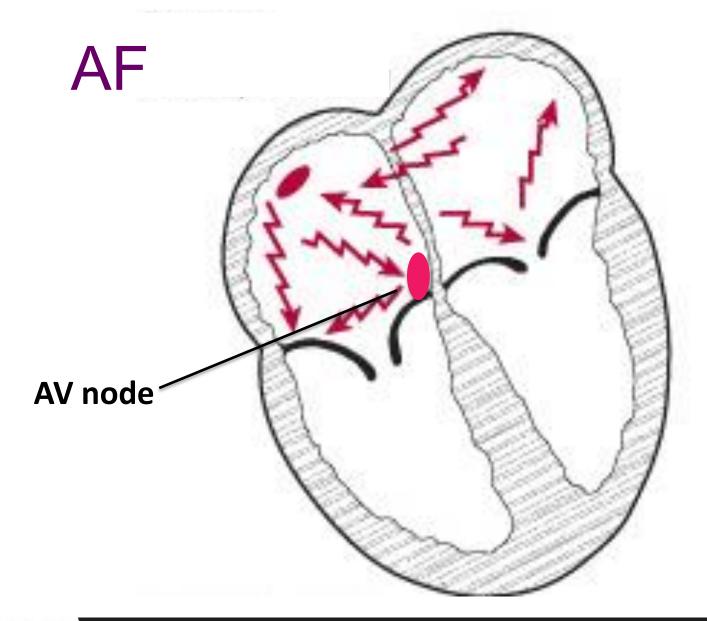


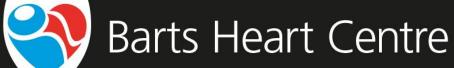


### What is AF?

Normal heart rhythm











AF



**AF** 





## Atrial tachycardia

Includes:

Atrial fibrillation

Atrial flutter

Other atrial tachycardia

Symptoms # risk!

AF affects different people very differently

# Am I going to die because of AF?

#### Stroke

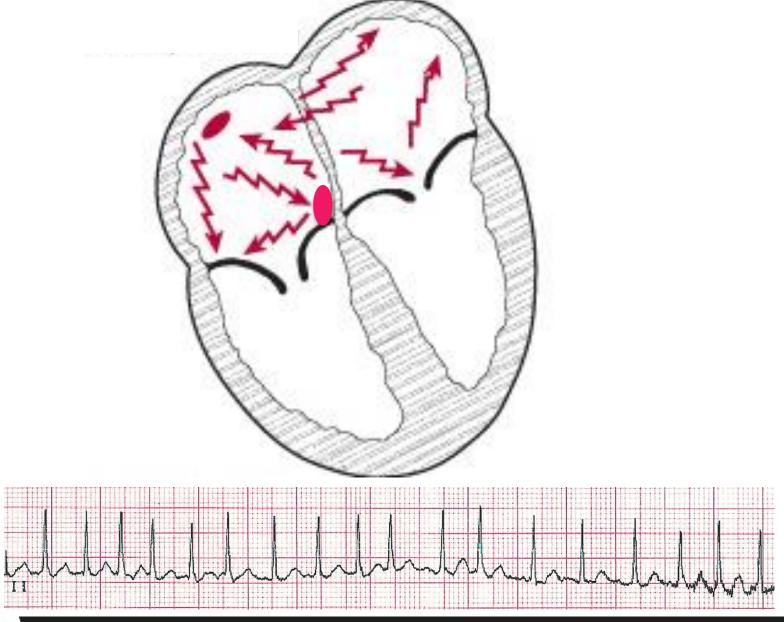
Risk factor	Score
<b>C</b> - Congestive heart failure	1
<b>H</b> - Hypertension	1
A - Age ≥ 75 years	2
<b>D</b> - Diabetes mellitus	1
<b>S<sub>2</sub></b> - Prior stroke or TIA	2
<b>V</b> - Vascular disease	1
<b>A</b> - Age 65-74 years 1	
Sc - Sex category (female)	1

Score	Risk of stroke each year
0	Close to zero
1	1.3% (1 in 77)
2	2.2% (1 in 45)
3	3.2% (1 in 31)
4	4.0% (1 in 25)
5	6.7% (1 in 15)
6	9.8% (1 in 10)
7	9.6% (1 in 10)
8	6.7% (1 in 15)
9	15.2% (1 in 6)

- 1. Refining clinical risk stratification for predicting stroke and thromboembolism in atrial fibrillation using a novel risk factor-based approach: the euro heart survey on atrial fibrillation. *Lip et al* Chest. 2010 Feb;137(2):263-72
- 2. Risk factors for stroke and efficacy of antithrombotic therapy in atrial fibrillation. Analysis of pooled data from five randomized controlled trials <a href="Arch Intern Med.">Arch Intern Med.</a> 1994 Jul 11;154(13):1449-57

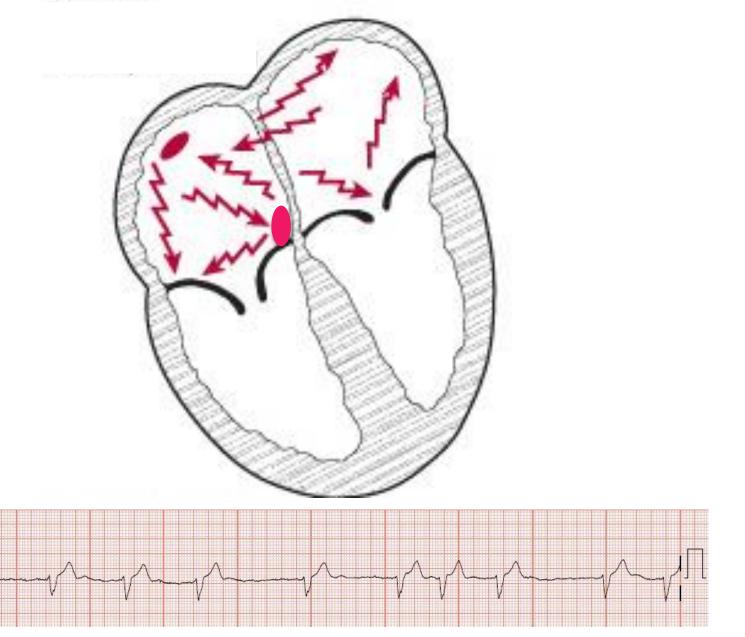


 Tachycardia-induced problems with the heart or worsening of pre-existing conditions of the heart because of tachycardia





 Problems/symptoms caused or worsened by impairment of heart filling





Psychological and social risks...

# Risk of 'doing things'















Barts Heart Centre

# Risk to offspring

#### The internet...

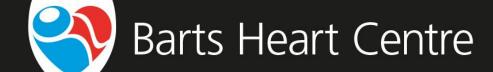


www.afa.org.uk









### Questions?

