

A

Fibrillation

Futter



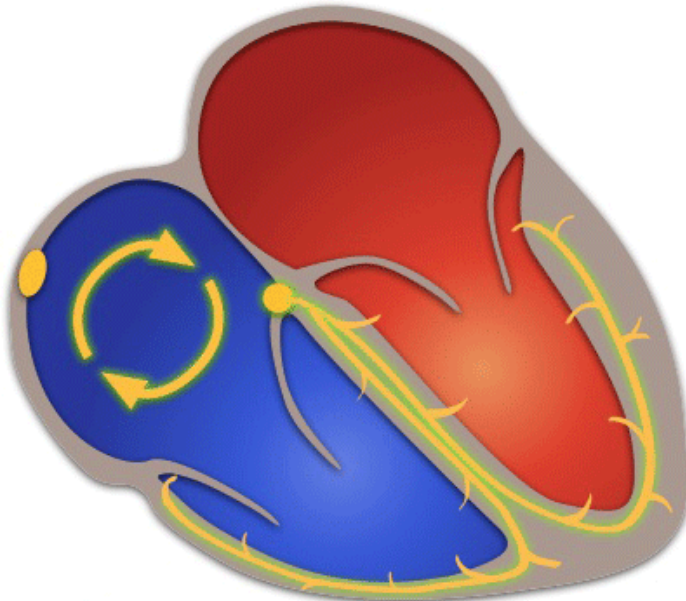
huw masson

# AF

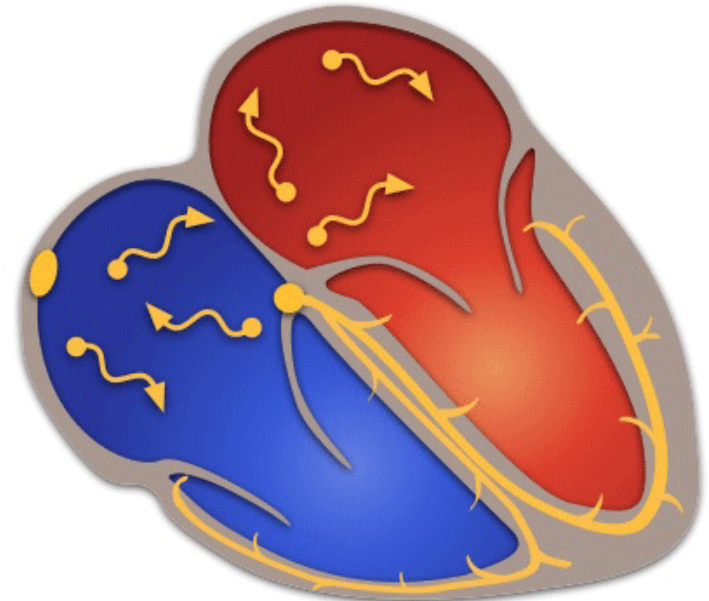


What is it?

**Flutter**



**Fibrillation**

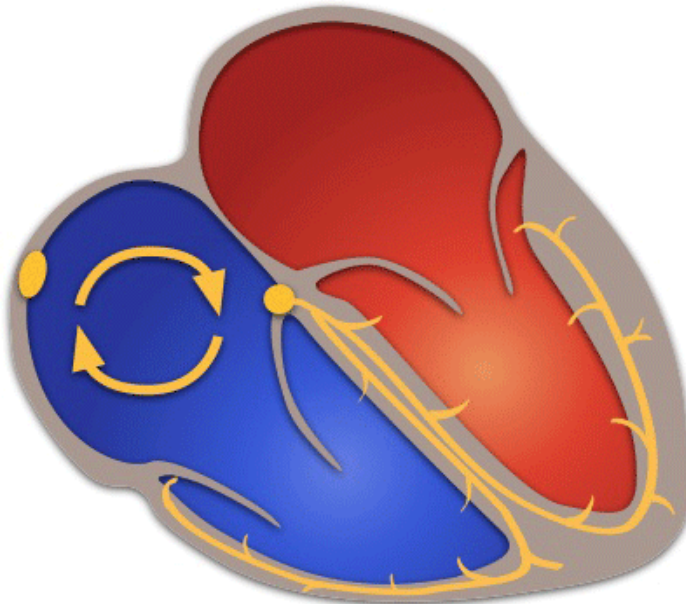


# AF

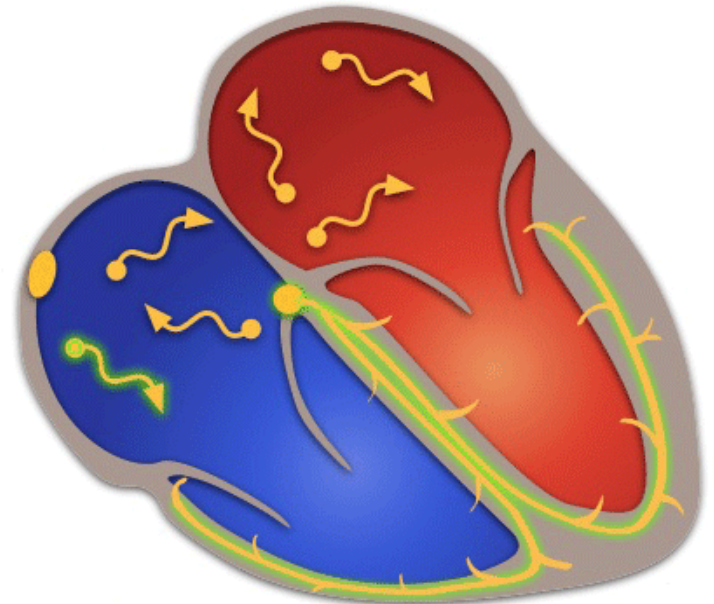


What is it?

## Flutter



## Fibrillation





# Precipitants



Atrial Ischaemia



Haemodynamic Stress



Inflammatory



Respiratory



Endocrine



Neurological



Drugs

# AF



## Stable OR Unstable?



Hypotension



Ischaemic Chest Pain



Pulmonary Oedema



Reduced GCS/Confusion



# Unstable

**Is the patient UNSTABLE? (any of)**

- Haemodynamically Unstable
- Cardiac Ischaemia
- Pulmonary Oedema
- Reduced Conscious Level

**YES**

**Rhythm Control  
(DC cardioversion)**

- Sedation SHOULD be used if possible
- Sync Shock: 70J > 120J > 200J

# AF



## How to - Prep



Senior Input



Oxygen



Cannula



Sedation?



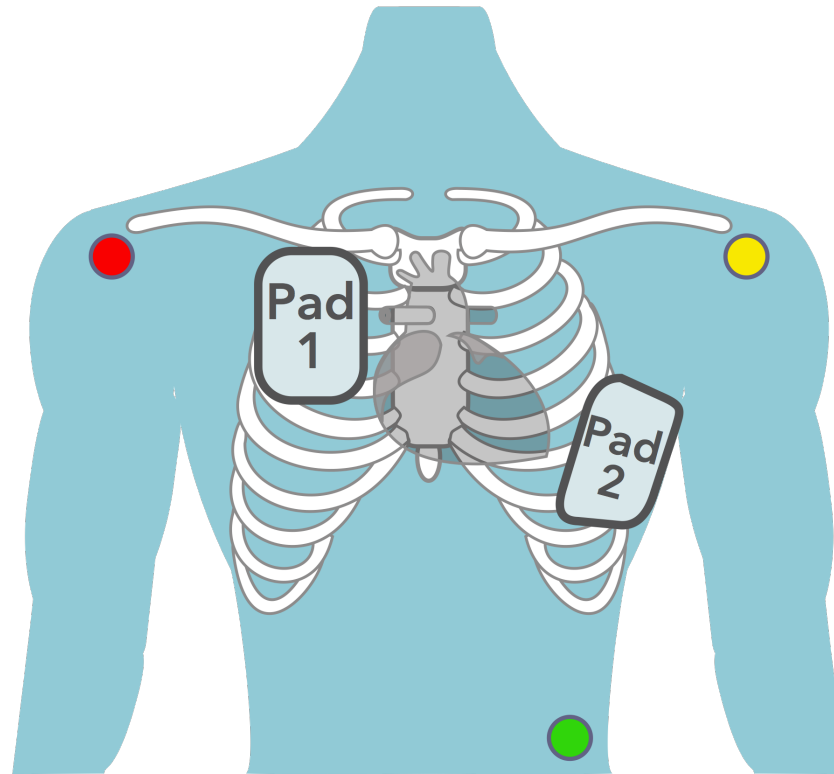
Antiarrhythmic?

# AF



## Pads

### Anterior-Lateral DCC





# AF



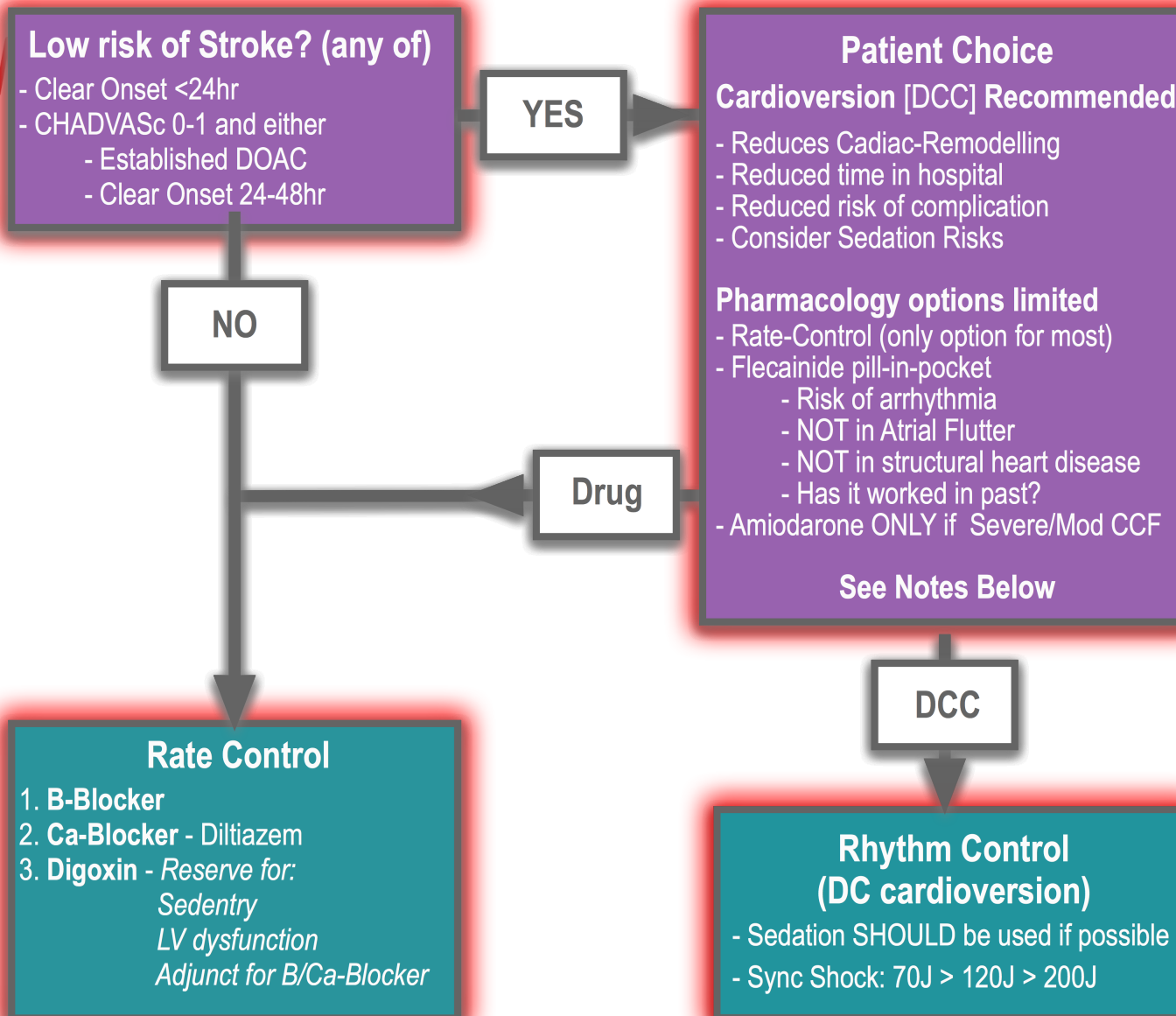
## Old Sparky



# AF

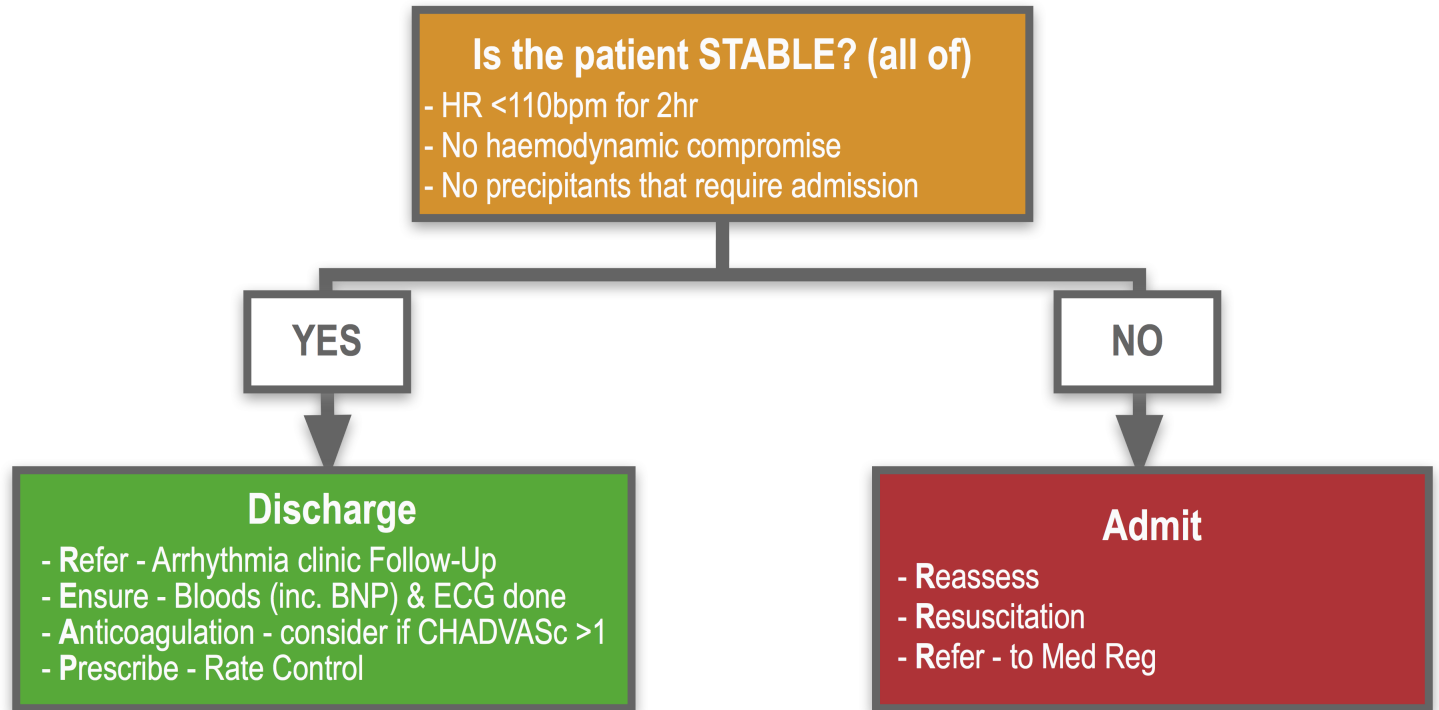


## Stable





# Home or Hospital?





# Anticoagulation?

## CHADS-VASC

Congestive heart failure	1
Hypertension	1
Age >74	2
Age 65-74	1
Diabetes Mellitus	1
Stroke/TIA	2
Vascular disease	1
Female	1

### Yearly risk of Stroke, by score

1 (1.3%)	2 (2.2%)	3 (3.2%)
4 (4.0%)	5 (6.7%)	6 (9.8%)
7 (9.6%)	8 (6.7%)	9 (15.2%)

NICE recommend consideration of anticoagulation if score >0

## HAS-BLED

Hypertension (>160mmHg)	1
Renal (dialysis, transplant Cr >200)	1
Liver (cirrhosis, LFTs Bili x2 or others x3)	1
Stroke History	1
Prior Major bleed/predisposition	1
High/Unstable INR	1
Age ≥65 years	1
Medication predisposing to bleed	1
Alcohol/Drugs (>8 drinks/week)	1

### Yearly risk of Major Bleed, by score

0-1	1.02%
2	1.88%
3	3.7%
≥4	>8%



Clinic FU



Symptomatic + New to Cardiology



Exclusions:



Moderate/Severe LV systolic dysfunction



Moderate/Severe Valvular Disease



Hypertrophic cardiomyopathy



Congenital Abnormality



Significant Non-Cardiac Co-Morbidities



# Summary



Is there a treatable cause?



Stable vs Unstable?



<48hr of onset?



Anticoagulation?



Safe to Discharge?



Follow up?