

Anticoagulation therapy for the prevention of stroke in atrial fibrillation Decision support tool

Individualised prescribing recommendations
based on NICE clinical guidelines



Help Terms & Conditions

Decision Support

Anticoagulation therapy for the prevention of stroke and systemic embolism in atrial fibrillation.

Patient Profile

Stroke Risk (CHA₂DS₂-VASc)

Congestive heart failure or left ventricular dysfunction?

YES NO

Age 65-74 years?

YES NO

Hypertension?

YES NO

Female gender?

YES NO

Age ≥ 75 years?

YES NO

CHA₂DS₂-VASc score

Diabetes mellitus?

YES NO

Adjusted stroke rate
Ischaemic strokes per 1000

Prior stroke, TIA or thromboembolism?

YES NO

Vascular disease?

Prior myocardial infarction, peripheral artery disease, aortic plaque.

YES NO

Proceed

Allows a healthcare professional and patient to share the decision process and provides the patient with a personalised report of their consultation

Straightforward and intuitive to use

www.anticoagulation-dst.co.uk

This innovative tool, **endorsed by NICE**, helps simplify and manage the anticoagulation decision process, ensuring that treatment choices are made jointly between you and your patient.

The tool is based on the following NICE guidance: Atrial fibrillation: the management of atrial fibrillation. NICE clinical guideline 180. June 2014. Available at www.nice.org.uk/guidance/cg180 (accessed January 2016).

The tool also incorporates: Atrial fibrillation patient decision aid: medicines to help reduce your risk of a stroke – what are the options? NICE June 2014.

The tool was developed as part of a joint working group initiative comprising the National Institute for Health and Care Excellence (NICE), Boehringer Ingelheim Ltd and Prescribing Decision Support Ltd at the Centre for Medicines Optimisation, Keele University. All three parties committed resources to the joint working project in line with ABPI Code requirements. The tool is intended to support clinical decision-making and prescribing and not replace the healthcare professional's clinical judgement.



Decision support tool

What you need to do

- 1 Enter the patient's risk factors into the tool's CHA₂DS₂-VASc calculator to assess their stroke risk
- 2 Enter the patient's risk factors into the tool's HAS-BLED calculator to assess their bleeding risk
- 3 Enter medication contraindications, interactions and any special considerations

What the decision support tool provides

- 1 Anticoagulant treatment recommendations and reasons
- 2 Information on important considerations, contraindications, side effects and precautions
- 3 A patient decision aid to work through with your patient
- 4 Patient printouts and referral letters
- 5 A consultation process that can be saved into patient medical records

The AF anticoagulation decision support tool allows complex decisions to be taken by general practitioners, nurses and junior doctors, safely and efficiently. This comprehensive tool ensures the patient is well informed of their individual risk and benefits and allows them to participate in the decision process.

It will be invaluable for busy clinicians who manage these patients in every-day situations.

Dr Deepak Chandra

Director Haemophilia, thrombosis and anticoagulation services at the University Hospitals of North Midlands

Access the decision support tool here
www.anticoagulation-dst.co.uk

