

Stroke Risk Stratification

The Baseline Risk of Stroke in People with New-onset AF (and without prior TIA or stroke) from Framingham Data (5-year stroke risk in %)

People with AF and either significant valvular disease, prior stroke or TIA are at **VERY HIGH** risk of stroke and don't need risk stratification. They should receive long-term warfarin unless contraindicated.

People with AF and either left ventricular dysfunction (LVEF \leq 40%) or a past episode of decompensated heart failure are at **HIGH** risk and should receive long-term warfarin unless contraindicated.

Choice of warfarin or aspirin depends on stroke risk *

| Stroke Risk | % Risk | Treatment |
|--------------|------------|--|
| VERY HIGH | \geq 20% | Long-term anticoagulant treatment with adjusted dose of warfarin aiming for an INR 2.5 (range 2.0 to 3.0) unless there are clear contraindications |
| HIGH | 15 - 19% | |
| INTERMEDIATE | 10 - 14% | Discuss the individual's potential benefits, risks and preferences for or against anticoagulant or aspirin treatment |
| LOW | < 10% | Commence aspirin (75 mg to 300 mg) after discussion |

Note: In people with a contraindication to warfarin, consider using aspirin (75 mg to 300 mg) after discussion.

* Even when risk of stroke is high careful consideration of contraindications is required before warfarin is commenced.

5-year Stroke Risk (%)

MEN

| | | No-Diabetes | Diabetes |
|---------------------------------|---------------|-------------|----------|
| Systolic Blood Pressure (mm Hg) | AGE ≥ 75 | 180: 13 | 22 |
| | | 160: 11 | 19 |
| | | 140: 10 | 17 |
| | | 120: 9 | 15 |
| Systolic Blood Pressure (mm Hg) | AGE 65 - 74 | 180: 10 | 17 |
| | | 160: 9 | 15 |
| | | 140: 8 | 13 |
| | | 120: 7 | 12 |
| Systolic Blood Pressure (mm Hg) | AGE < 65 | 180: 7 | 13 |
| | | 160: 6 | 11 |
| | | 140: 6 | 10 |
| | | 120: 5 | 9 |

WOMEN

| | | No-Diabetes | Diabetes |
|---------------------------------|---------------|-------------|----------|
| Systolic Blood Pressure (mm Hg) | AGE ≥ 75 | 180: 23 | 37 |
| | | 160: 20 | 34 |
| | | 140: 18 | 31 |
| | | 120: 16 | 28 |
| Systolic Blood Pressure (mm Hg) | AGE 65 - 74 | 180: 18 | 29 |
| | | 160: 16 | 27 |
| | | 140: 14 | 24 |
| | | 120: 13 | 21 |
| Systolic Blood Pressure (mm Hg) | AGE < 65 | 180: 13 | 22 |
| | | 160: 12 | 20 |
| | | 140: 11 | 17 |
| | | 120: 10 | 16 |