

## Appendix A

### CHA<sub>2</sub>DS<sub>2</sub>Vasc Scoring tool

CHA <sub>2</sub> DS <sub>2</sub> VASc criteria (treated or untreated conditions)	Points	CHA <sub>2</sub> DS <sub>2</sub> VASc score	Annual stroke risk %
Congestive heart failure	1	0	0.0
Hypertension	1	1	1.3
Age 75 years or older	2	2	2.2
Diabetes mellitus	1	3	3.2
Prior Stroke or TIA	2	4	4.0
Vascular disease	1	5	6.7
Age 65-74 years	1	6	9.8
Sex = female*	1	7	9.6
<b>TOTAL SCORE (max 9)</b>		8	6.7
		9	15.2

\*Female sex alone does not confer an additional stroke risk, but risk factors present in females confer additional stroke risk compared to males.

### Use HASBLED to identify and treat modifiable bleeding risk factors

Note that many stroke risk factors are also bleeding risk factors. Bleeding risk should not be used as an excuse not to anticoagulate, but the HASBLED score should be used to identify risk factors that can be modified.

HASBLED criteria (conditions that are being successfully treated do not count towards the score)	Points
<b>Hypertension</b> (most recent systolic blood pressure >160 mm Hg)	<b>1</b>
<b>Abnormal renal* and liver<sup>†</sup> function (1 point each)</b> * chronic dialysis, renal transplantation, or serum creatinine ≥200 micromol/L. <sup>†</sup> chronic hepatic disease (e.g. cirrhosis) or biochemical evidence of significant hepatic derangement (bilirubin 2 to 3 times the upper limit of normal, in association with AST / ALT / Alk Phos 3 x ULN, etc.)	<b>1 or 2</b>
<b>Stroke</b> (not TIA)	<b>1</b>
<b>Bleeding tendency/predisposition</b> [History of bleeding or predisposition (anaemia)]	<b>1</b>
<b>Labile INRs (if on warfarin)</b> [i.e. 2 INRs >5 or 1 INR >8 within the last 6 months, 2 INRs <1.5 within the last 6 months (out with planned interruptions), time in therapeutic range <65%]	<b>1</b>
<b>Elderly</b> (age >65 years)	<b>1</b>
<b>Drugs or alcohol (1 point each)</b> Concomitant antiplatelets** or nonsteroidal anti-inflammatory drugs, or alcohol intake >8 units/week	<b>1 or 2</b>

TOTAL SCORE (maximum 9)						
HASBLED score	0	1	2	3	4	≥5