

# ATRIA Risk Assessment Pocket Guide

A validated risk scheme to predict warfarin-associated hemorrhage.

The information provided here, including the CHADS<sub>2</sub>, CHA<sub>2</sub>DS<sub>2</sub>-VASc, ATRIA and HAS-BLED models for stroke and bleeding risk assessment, is not intended to provide medical advice or medical diagnosis. There are limitations to these models, including that the risk calculation and output of the models are based on the data that are input into the models and not on other factors. Only a trained medical professional can assess the potential benefits and risks of any course of treatment for an individual patient.

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Add up the score of major risk factors in the table to determine your patient's risk level.

## Major risk factors and assigned score

ATRIA risk	Score
Anemia (hemoglobin <13 g/dL in men, <12 g/dL in women)	3
Severe renal disease (GFR <30 mL/min; dialysis dependent)	3
Age ≥75	2
Any prior hemorrhagic diagnosis	1
Diagnosed hypertension	1

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Risk score	Risk level	Annualized hemorrhage rate
0-3	Low	0.76%
4	Intermediate	2.62%
5-10	High	5.76%

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**Reference: 1.** Fang MC, Go AS, Chang Y, et al. A new risk scheme to predict warfarin-associated hemorrhage: the ATRIA (Anticoagulation and Risk Factors in Atrial Fibrillation) study. *J Am Coll Cardiol.* 2011; 58:395-401.