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How to refine the risk of stroke in atrial fibrillation patients with CHA2DS2-VASc score of 1

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Objective: To look at the stroke risk in AF patients with CHA2DS2-VASc score of 1. Also, I will find out the ischaemic stroke risk contributed by the 6 individual factors constituting CHA2DS2-VASc score, and to explore the stroke risk in female aged 60-64. Methods and Results: From Apr 1, 2009 to June 30, 2009, 2255 patients with AF have been identified. 260 patients got CHA2DS2-VASc score 0 and 1. 73 patients scored 0 (male only), 187 scored 1 (124=male, 63=female). The annual incidence of ischaemic stroke in patients with CHA2DS2-VASc score of 0 and 1 were 3.1% and 4.5 respectively. Out of the six factors that contribute to CHA2DS2-VASc score of 1, hypertension (HT) (Hazard ratio {HR}: 2.2, 95% Confidence interval {CI}: 1.1-4.7) and age 65-74 (HR: 2.0, CI: 1.0-4.0) were associated with ischaemic stroke. While in female patients, age 60-64 is also found to be a significant risk factor (HR: 2.5, CI: 1.0-5.9) Conclusion: Among the six individual factors in CHA2DS2-VASc score, HT and age 65-74 are significant risk factors for stroke. More aggressive use of anti-thrombotic is indicated in AF patients with CHA2DS2-VASc score of 1 due to HT or age 65-74. Also, age 60-64 is a potential risk factor in female patients.

評価1	評価2	評価3	採否
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