Prior Stroke and TIA as risk factors for subsequent stroke in AF patients: a report from the GARFIELD-AF registry

[Appendix]

Supplementary Table S1. Adjusted\* Hazard Ratios (HRs) for all-cause mortality and Sub-Hazard Ratios (SHRs) for cause-specific mortality, stroke/SE and major bleeding in the first year after enrolment by history of stroke only, TIA only and stroke and TIA. The reference group is patients with no history of stroke or TIA

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| --- | --- | --- | --- | --- | --- |
| **Outcome** | **Parameter** | **Events** | **Rate (95% CI)** | **Unadjusted****HR/SHR\* (95% CI)** | **Adjusted****HR/SHR\*† (95% CI)** |
| **All-cause mortality** | No history of stroke or TIA | 1791 | 4·1 (3·9-4·3) |  |  |
| History of TIA only | 90 | 5·3 (4·3-6·5) | 1·24 (1·00-1·53) | 0·99 (0·80-1·22) |
| History of stroke only | 195 | 6·2 (5·4-7·1) | 1·47 (1·27-1·70) | 1·29 (1·11-1·50) |
| History of both stroke and TIA | 45 | 10·5 (7·8-14·0) | 2·44 (1·82-3·28) | 1.77 (1·32-2·39) |
| **Cardiovascular mortality** | No history of stroke or TIA | 671 | 1·5 (1·4-1·7) |  |  |
| History of TIA only | 36 | 2·1 (1·5-2·9) | 1·32 (0·95-1·85) | 1·04 (0·74-1·46) |
| History of stroke only | 69 | 2·2 (1·7-2·8) | 1·37 (1·07-1·76) | 1·19 (0·.92-1·52) |
| History of both stroke and TIA | 19 | 4·4 (2·8-6·9) | 2·70 (1·71-4·26) | 1·74 (1·08-2·79) |
| **Non-cardiovascular mortality** | No history of stroke or TIA | 653 | 1·5 (1·4-1·6) |  |  |
| History of TIA only | 34 | 2·0 (1·4-2·8) | 1·26 (0·89-1·78) | 1·02 (0·72-1·44) |
| History of stroke only | 78 | 2·5 (2·0-3·1) | 1·59 (1·26-2·01) | 1·39 (1·10-1·77) |
| History of both stroke and TIA | 20 | 4·7 (3·0-7·2) | 2·89 (1·86-4·52) | 2·21 (1·41-3·48) |
| **Stroke/SE** | No history of stroke or TIA | 503 | 1·2 (1·1-1·3) |  |  |
| History of TIA only | 33 | 2·0 (1·4-2·8) | 1·49 (1·05-2·12) | 1·35 (0·95-1·92) |
| History of stroke only | 96 | 3·1 (2·5-3·8) | 2·52 (2·03-3·13) | 2·29 (1·83-2·86) |
| History of both stroke and TIA | 18 | 4·2 (2·7-6·7) | 3·13 (1·96-5·00) | 2·55 (1·60-4·05) |
| **Major bleeding** | No history of stroke or TIA | 354 | 0·8 (0·7-0·9) |  |  |
| History of TIA only | 19 | 1·1 (0·7-1·8) | 1·36 (0·86-2·16) | 1·05 (0·66-1·67) |
| History of stroke only | 32 | 1·0 (0·7-1·4) | 1·22 (0·85-1·75) | 1·07 (0·74-1·54) |
| History of both stroke and TIA | 4 | 0·9 (0·3-2·5) | 1·08 (0·40-2·87) | 0·78 (0·29-2·09) |

**The reference group is patients with no history of stroke or TIA.** †HRs and SHRs were adjusted for sex, age, ethnicity, type of AF, anticoagulant treatment, diabetes, hypertension, history of bleeding, congestive heart failure, vascular disease, moderate-to-severe renal disease, smoking status and heavy alcohol consumption. CI: Confidence interval; SE: Systemic embolism