**Appendix Table E74. Results from studies assessing the ability of Multiplate Analyzer to predict stroke in patients with ischemic heart disease**

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Author,year**  **UID**  **Country**  **Study name** | **Treatment** | **Phenotypic Test Used [index test]** | **Clinical Outcome** | **Outcome Definition** | **Timing of measurement** | **Index test result: category (e.g., HPR+) – ONE ROW PER PHENOTYPE GROUP** | **Outcome status (e.g., bleeding or no bleeding)** | **No. with outcome status within phenotype group** | **Comparative metric (OR, RR, HR)** | **95% CI** | **P (between which groups?)**  **[statistical test]** | **Adjusted?**  **[YES/NO/NR]**  **If YES, for what factors?** | **Procedures for multiple comparisons [YES, NO, NR]** | **Comments (e.g., additional data in figures)** |
| Sibbing, 2009  19264241  Sibbing 2010  20062919  Germany  NR | Clopidogrel: 600 mg LD + 150 mg/day clopidogrel for 3 days + 75 mg/day clopidogrel MD & Aspirin: 500 mg IV LD + 100 mg aspirin (twice per day) MD | MEA | Ischemic stroke | confirmation by CT/MRI imaging of the head. | 30 days | Low Responders (>416 aggregation units\*min) | Ischemic stroke | 3 (0.9%) | OR=6.01 | 1.25-28.88 | P=0.03  (low vs normal responder)  [log rank] | NO | NR | Secondary |
|  |  |  |  |  |  | Normal Responders (≤416 aggregation units\*min) |  | 2 (0.2%) |  |  |  |  |  |  |
|  | Clopidogrel: 600 mg LD + 150 mg/day clopidogrel for 3 days + 75 mg/day clopidogrel MD & Aspirin: 500 mg IV LD + 100 mg aspirin (twice per day) MD | MEA | Ischemic stroke | confirmation by CT/MRI imaging of the head. | 6 months | Low Responders (>416 aggregation units\*min) | Ischemic stroke | 3 (0.9%) | OR=4 | 0.9-17.6 | P=0.07  (low vs normal responder)  [log rank] | NO | NR | Secondary |
|  |  |  |  |  |  | Normal Responders (≤416 aggregation units\*min) |  | 3 (0.2%) |  |  |  |  |  |  |
| Schulz, 2010  20691843  Germany  NR | Clopidogrel 75 mg/d + Aspirin 100 mg/d | MEA by Multiplate analyzer | Stroke | By CT/MRI | 1 year | Low responder | Stroke | 4 (1.3%) | HR=2.3 | 0.7-7.8 | 0.185  (low vs normal)  Chisquare | NO | NR | Secondary outcome |
|  |  |  |  |  |  | Normal responder |  | 7 (0.6%) |  |  |  |  |  |  |
|  | Clopidogrel 75 mg/d + Aspirin 100 mg/d | MEA by Multiplate analyzer | Hemorrhagic Stroke | By CT/MRI | 1 year | Low responder | Hemorrhagic Stroke | 0/323 | OR=0.4  (calculated) | 0-8.2 | 0. 853  (low vs normal)  Chi square | NO | NR | Secondary outcome |
|  |  |  |  |  |  | Normal responder |  | 4/1285(0.3%) |  |  |  |  |  |  |
|  | Clopidogrel 75 mg/d + Aspirin 100 mg/d | MEA by Multiplate analyzer | Ischemic Stroke | By CT/MRI | 1 year | Low responder | Ischemic Stroke | 4 (1.3%) | HR=5.4 | 1.2-24 | 0. 028  (low vs normal)  Chisquare | NO | NR | Secondary outcome |
|  |  |  |  |  |  | Normal responder |  | 3 (0.2%) |  |  |  |  |  |  |