**Appendix Table E110. Results from studies assessing the ability of miscellaneous platelet function tests to predict death in patients with ischemic heart disease**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **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)** |
| Dziewierze,  2005  15815794  Poland  NR | Clopidogrel LD 300 mg, 75mg maintain dose | Platelet aggregation inhibition | Death | Death | In hospital stay | Non-responder | Death | 0/7 | OR=3.3 (calculated) | NR | p=0.56  nonresponder vs. responder  Fisher’s exact test | NR | NR |  |
|  |  |  |  |  |  | Responder |  | 0/24 |  |  |  |  |  |  |
| Breet,  2010  20179285  Netherlands  POPULAR | maintaining Clopidogrel 75 mg daily + aspirin 80-100 mg daily | Plateletworks ADP | Death | death, | 1-year | High OTPR | Death | 4/262  (1.5) | OR=0.58 | 0.18-1.89 | 0.36 high OTPR vs normal  logistic regression model | No | NR |  |
|  |  |  |  |  |  | Normal  OTPR |  | 9/344  (2.6) |  |  |  |  |  |  |
|  |  | IMPACT-R ADP | Death | death, | 1-year | High OTPR | Death | 6/296  (2) | OR=1.38 | 0.49-3.91 | 0.54 high OTPR vs normal  logistic regression model | No | NR |  |
|  |  |  |  |  |  | Normal  OTPR |  | 9/609  (1.5) |  |  |  |  |  |  |
| Lakkis, 2001  11458412  USA  NR | clopidogrel 300 mg and aspirin 325 mg and tirofiban | ICHOR platelet works | Death | death, Q-wave myocardial infarction, or rehospitalization for ischemia | 30 days | High reactivity <80% IPA  N=1 | death | 0 | NR | NR | NR | NR | NR |  |
|  |  |  |  |  |  | Normal reactivity <80% IPA  N=19 |  | 0 |  |  |  |  |  |  |
|  | clopidogrel 300 mg and aspirin 325 mg and Abciximab | ICHOR platelet works | MACE | death, Q-wave myocardial  infarction, or rehospitalization for ischemia | 30 days | High reactivity <80% IPA  N=2 | MACE | 0 | NR | NR | NR | NR | NR |  |
|  |  |  |  |  |  | Normal reactivity <80% IPA  N=8 |  | 0 |  |  |  |  |  |  |