**Appendix Table E111. Results from studies assessing the ability of miscellaneous platelet function tests to predict myocardial infarction 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 | MI | Myocardial infarction | In hospital stay | Non-responder | MI | 0/7 | OR=3.2 (calculated) | NR | p=0.56  nonresponder vs. responder  Fisher’s exact test | NR | NR |  |
|  |  |  |  |  |  | Responder |  | 0/24 |  |  |  |  |  |  |
| Breet,  2011  20179285  Netherlands  POPULAR | maintaining Clopidogrel 75 mg daily +aspirin 80-100 mg daily | Plateletworks ADP | MI | MI | 1-year | High OTPR | MI | 25/262 (9.5) | OR=3.52 | 1.66-7.47 | <0.001high OTPR vs. normal  logistic regression | No | NR |  |
|  |  |  |  |  |  | Normal  OTPR |  | 10/344 (2.9) |  |  |  |  |  |  |
|  | maintaining Clopidogrel 75 mg daily +aspirin 80-100 mg daily | IMPACT-R ADP | MI | MI | 1-year | High OTPR | MI | 22/296  (7.4) | OR=1.61 | (0.91-2.85) | 0.10 high OTPR vs. normal  logistic regression | No | NR |  |
|  |  |  |  |  |  | Normal  OTPR |  | 29/609  (4.8) |  |  |  |  |  |  |
| Lakkis, 2001  11458412  USA  NR | clopidogrel 300 mg and aspirin 325 mg and tirofiban | ICHOR platelet works | Q wave MI | death, Q-wave myocardial infarction, or rehospitalization for ischemia | 30 days | High reactivity <80% IPA  N=1 | Q wave MI | 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 | Q wave MI | death, Q-wave myocardial  infarction, or rehospitalization for ischemia | 30 days | High reactivity <80% IPA  N=1 | Q wave MI | 0 | NR | NR | NR | NR | NR |  |
|  |  |  |  |  |  | Normal reactivity <80% IPA  N=8 |  | 0 |  |  |  |  |  |  |