**Appendix Table F4. Baseline and final (longest followup) values of laboratory outcomes (platelet reactivity) in comparative studies assessing test-and-treat strategies using phenotypic testing for platelet reactivity**

| **Author**  **Year**  **Country**  **PMID**  **Study Name (if available)** | **Treatment Group** | **Outcome Measure** | **Baseline:**  **N**  **Mean**  **SE/SD** | **Final:**  **N**  **Mean**  **SE/SD** | **Within-Group Comparison P Value [statistical test]** | **Between-Group Comparison P Value [statistical test]** |
| --- | --- | --- | --- | --- | --- | --- |
| Wang  2011  China  21538380 | VASP-guided treatment | VASP PRI | 150  72.1%  SD = 11.4%  (1 mo post-PCI) | 147  27.7%  SD = 8.4%  (12 mo post-PCI) | P = 0.001 across all time points [ANOVA] | P = 0.4 at baseline [ANOVA]  P < 0.001 at 12 mo [ANOVA] |
|  | Control |  | 156  69.3%  SD = 18%  (1 mo post-PCI) | 151  66.4%  SD = 18.6%  (12 mo post-PCI) | P>0.05 across all time points [ANOVA] |  |
| Bonello  2009  France  19101221 | VASP-guided treatment | VASP PRI | 215  67%  SD = 10%  (6-24 h post loading) | 215  37%  SD = 12%  30 d | P<0.0001 compared to baseline [ANOVA] | P = 0.3 at baseline [ANOVA]  P = NR at 30 d [ANOVA] |
|  | Control |  | 214  66%  SD = 11%  (6-24 h post loading) | 214  NR  NR  30 d | NR |  |
| Bonello  2008  France  18387444 | VASP-guided treatment | VASP PRI | 78  69.3%  SD = 10.0%  (24 h post loading) | 78  37.6  SD = 13.8%  (30 d) | P < 0.0001 compared to baseline [ANOVA] | P = 0.4 at baseline [ANOVA]  P = NR at 30 d |
|  | Control |  | 84  67.8%  SD = 10.5  (24 h post loading) | 84  NR  NR |  |  |
| Tousek  2011  Czech Republic  21663983 | VerifyNow-guided treatment  N = 30 | VerifyNow | 30  297  SD = 37  (24–48 h post-PCI) | 30  201  SD = 56  (30 d post-PCI) | P<0.001 compared to baseline [unclear]  % change from baseline = −31.6 (SD = −17.1) | Mean difference between guided group and control group in % within-group change from baseline = −18.4 (95% CI −25.5 to −11.3); P<0.001 [unclear] |
|  | Control  N = 30 |  | 30  306  SD = 45  (24–48 h post-PCI) | 30  277  SD = 36  (30 d post-PCI) | P<0.01 (reported in graph) or P<0.001 (reported in text) [unclear]  % change from baseline = −13.2 (SD = −9.4) |  |

ANOVA=analysis of variance, CI=confidence interval, d=days, mo=months, NA=not applicable, NR=not reported, OR=odds ratio, PRI=platelet reactivity index, SD=standard deviation, SE=standard error, VASP=vasodilator-stimulated phosphoprotein, yr=year.