**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]** |
| --- | --- | --- | --- | --- | --- | --- |
| Wang2011China21538380 | VASP-guided treatment | VASP PRI | 15072.1%SD = 11.4%(1 mo post-PCI) | 14727.7%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 |  | 15669.3%SD = 18%(1 mo post-PCI) | 15166.4%SD = 18.6%(12 mo post-PCI) | P>0.05 across all time points [ANOVA] |  |
| Bonello2009France19101221 | VASP-guided treatment | VASP PRI | 21567%SD = 10%(6-24 h post loading) | 21537%SD = 12%30 d | P<0.0001 compared to baseline [ANOVA] | P = 0.3 at baseline [ANOVA]P = NR at 30 d [ANOVA] |
|  | Control |  | 21466%SD = 11%(6-24 h post loading) | 214NRNR30 d | NR |  |
| Bonello2008France18387444 | VASP-guided treatment | VASP PRI | 7869.3%SD = 10.0%(24 h post loading) | 7837.6SD = 13.8%(30 d) | P < 0.0001 compared to baseline [ANOVA] | P = 0.4 at baseline [ANOVA]P = NR at 30 d |
|  | Control |  | 8467.8%SD = 10.5(24 h post loading) | 84NRNR |  |  |
| Tousek2011Czech Republic21663983 | VerifyNow-guided treatmentN = 30 | VerifyNow | 30297SD = 37(24–48 h post-PCI) | 30201SD = 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] |
|  | ControlN = 30 |  | 30306SD = 45(24–48 h post-PCI) | 30277SD = 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.