

## Supplementary Online Content

Roizenblatt M, Marin VDGB, Grupenmacher AT, et al. Association of weight-adjusted caffeine and  $\beta$ -blocker use with ophthalmology fellow performance during simulated vitreoretinal microsurgery. *JAMA Ophthalmol*. Published online June 11, 2020. doi:10.1001/jamaophthal.2020.1971

**eTable 1.** Median Differences Between Days 1 and 2 With Corresponding *P*-value for the Eyesi Surgical-Generated Score

**eTable 2.** Median Differences Between Days 1 and 2 With the Corresponding *P*-value for the Eyesi Tremor-Specific Task Score

**eTable 3.** Median Difference Between Days 1 and 2 With the Corresponding *P*-value for the Intraocular Trajectory (Odometer)

**eTable 4.** Median Difference Between Days 1 and 2 With the Corresponding *P*-value for the Total Time for Task Completion

This supplementary material has been provided by the authors to give readers additional information about their work.

**eTable 1.** Median Differences Between Days 1 and 2 With Corresponding *P*-value for the Eyesi Surgical-Generated Score

SCORE Median differences ( <i>P</i> -values)	Day 2 Low-dose propranolol	Day 2 High-dose propranolol	Day 2 Neutralizing Dose
Day 1 Low-dose caffeine	<b>-53 (.009)</b>	<b>-41 (.001)</b>	-36 (.77)
Day 1 High-dose caffeine	<b>-50 (.009)</b>	<b>-65 (.001)</b>	-11 (.54)
Day 1 Neutralizing dose	<b>-51 (.01)</b>	<b>-53 (.004)</b>	-22 (.97)

*P* value by the Dunn-Bonferroni test of multiple comparisons after Friedman's test.

Difference: day 1 - day 2

**eTable 2.** Median Differences Between Days 1 and 2 With the Corresponding *P*-value for the Eyesi Tremor-Specific Task Score

SCORE Median differences ( <i>P</i> -value)	Day 2 Low-dose propranolol	Day 2 High-dose propranolol	Day 2 Neutralizing Dose
Day 1 Low-dose caffeine	<b>-12 (.009)</b>	<b>-10 (.02)</b>	-17 (.08)
Day 1 High-dose caffeine	<b>-14 (.01)</b>	<b>-15 (.01)</b>	-18 (.10)
Day 1 Neutralizing dose	<b>-16 (.03)</b>	<b>-19 (.01)</b>	-19 (.52)

*P*-value by the Dunn-Bonferroni test of multiple comparisons after Friedman's test.  
Difference: day 1 - day 2

**eTable 3.** Median Difference Between Days 1 and 2 With the Corresponding *P*-value for the Intraocular Trajectory (Odometer)

ODOMETER Median differences ( <i>P</i> -value)	Day 2 Low-dose propranolol	Day 2 High-dose propranolol	Day 2 Neutralizing Dose
Day 1 Low-dose caffeine	<b>179.3 mm (.048)</b>	178.2 mm (.36)	88.2 mm (1.00)
Day 1 High-dose caffeine	<b>292.1 mm (&lt;.001)</b>	<b>290.1 mm (.004)</b>	124.7 mm (.36)
Day 1 Neutralizing dose	<b>166.8 mm (.03)</b>	86.3 mm (.27)	-20.4 mm (1.00)

*P*-value by the Dunn-Bonferroni test of multiple comparisons after Friedman's test.  
Difference: day 1 - day 2. Millimeters (mm)

**eTable 4.** Median Difference Between Days 1 and 2 With the Corresponding *P*-value for the Total Time for Task Completion

TIME Median differences ( <i>P</i> -values)	Day 2 Low-dose propranolol	Day 2 High-dose propranolol	Day 2 Neutralizing Dose
Day 1 Low-dose caffeine	<b>2.3 min (.048)</b>	<b>2.1 min (.01)</b>	<b>1.5 min (.048)</b>
Day 1 High-dose caffeine	<b>2.0 min (.048)</b>	<b>2.0 min (.009)</b>	1.3 min (.07)
Day 1 Neutralizing dose	0.7 min (.77)	1.1 min (.36)	1.0 min (.97)

*P*-value by Dunn-Bonferroni test of multiple comparisons after Friedman's test.  
Difference: day 1 - day 2. Minutes (min)