

### **Supplementary Online Content**

Rothschild JM, Keohane CA, Rogers S, et al. Risks of Complications by Attending Physicians After Performing Nighttime Procedures. *JAMA*. 2009;302(14):1565-1572.

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

**eTable. Duration of Procedures**

<b>Procedure Location</b>		<b>Procedure Type</b>	<b>Procedures (n)</b>	<b>Median (95% CI)* (minutes)</b>	<b>P-value</b>
Operating Room					
	All procedures	Post-nighttime	919	66.0 (62.0,70.3)	0.479
		Control	3552	66.9 (63.2, 70.9)	
	Procedures Without Complications	Post-nighttime	851	64.5 (60.5, 68.7)	0.193
		Control	3299	66.2 (62.5,70.1)	
	Procedures With Complications	Post-nighttime	68	135.0 (111.4, 163.7)	0.667
	Control	253	129.0 (115.4, 144.2)		
Labor and Delivery					
	All procedures	Post-nighttime	957	47.2 (45.9, 48.5)	.00198
		Control	3945	45.2 (44.4, 46.0)	
	Procedures Without Complications	Post-nighttime	924	46.5 (45.2, 47.8)	.00942
		Control	3833	44.8 (44.0, 45.7)	
	Procedures With Complications	Post-nighttime	33	71.5 (56.9, 89.8)	0.178
	Control	112	60.4 (53.3, 68.4)		

CI – confidence intervals

\* Medians are estimated from a GLMM in which Duration was modeled as log-normal

(Duration was found to be log-normally distributed via a Box-Cox transformation; Box,

G.E.P. and Cox, D.R. An analysis of transformations. *Journal of the Royal Statistical*

*Society, Series B.* 1964:26, 211-243.)

**eFigure. Flow Chart of Procedure Allocation and Exclusions**

OR – operating room

LD – labor and delivery suite

