

**Supplemental Digital Content 3. Attributes of Observed Handovers by PACU and Phase  
for 3-year Follow-up Period**

	Adult PACU		Pediatric PACU	
	Follow-Up Results	<i>P value</i> *	Follow-Up Results	<i>P value</i> *
<b>General</b>				
Phase Dates	01/04/1012 – 05/01/2012	--	02/01/12– 06/08/12	--
Handovers observed, n	39	--	39	--
<b>AP/RN Characteristics</b>				
Trained: Neither, %	48.7	--	38.5	--
Trained: Either or Both, %	51.3	--	61.5	--
Trained: RN Only, %	35.9	--	20.5	--
Trained: AP Only, %	7.7	--	25.6	--
Trained: Both, %	7.7	--	15.4	--
Hours on duty, AP	8.0 ± 2.4	<b>&lt;0.001</b>	7.4 ± 2.4	<b>&lt;0.001</b>
Hours on duty, RN	6.9 ± 2.6	<b>0.002</b>	6.6 ± 2.2	<b>0.001</b>
<b>Patient Characteristics</b>				
Age, years	52.4 ± 15.1	0.40	7.3 ± 5.3	0.17
Male, %	43.6	0.23	47.4	0.21
ASA 1, %	5.1	0.66	10.3	0.07
ASA 2, %	30.8	--	69.2	--
ASA 3, %	61.5	--	20.5	--
ASA 4, %	2.6	--	0	--
General Anesthetics, %	89.5	0.80	100	1.00

\*Differences in demographics over the course of the monitoring period versus the follow-up period were assessed using either Wilcoxon/ Kruskal-Wallis tests for continuous variables or either Pearson  $\chi^2$  or Fisher's Exact test for categorical variables. P-values from these unadjusted comparisons are presented.

PACU = post-anesthesia care unit; AP = anesthesia provider; RN = PACU nurse; ASA = American Society of Anesthesiologists physical status classification system (1 – a normal healthy patient; 2 – a patient with mild systemic disease; 3 – a patient with severe systemic disease; 4 – a patient with severe systemic disease that is a constant threat to life).