

Table 2: Reported sample sizes of studies using direct observation

Study	No. of hospitals	No. of wards	No. of administered medication doses observed		No. of patients with medication administration observed		No. of medication rounds observed*		No. of hours of observation		No. of nurses observed	
			Pre-intervention	Post-intervention	Pre-intervention	Post-intervention	Pre-intervention	Post-intervention	Pre-intervention	Post-intervention	Pre-intervention	Post-intervention
Freeman (2012)[32]	1	1	-	-	59	40	-	-	-	-	-	-
Kliger (2012)[34] ^Ω	6	22	2,331	4,239 [†]	-	-	-	-	-	-	-	-
Tomietto (2012)[38]	1	7	945	895	833	879	56	56	-	-	-	-
Anthony (2010)[26]	1	2	218	179	-	-	8	8	16h	16h	-	-
Conrad (2010)[31]	1	1	-	-	-	-	-	-	-	-	-	-
Nguyen (2010)[36] ^Ω	1	1	100	200 [‡]	-	-	-	-	-	-	-	-
Relihan (2010)[37] [¶]	1	1	-	-	-	-	16	16	16h, 6min	14h, 28min	23	14
Trbovich	1	1	-	-	-	-	-	-	51h	72h	17	24

(2010)[39]												
Kliger (2009)[33] ^Ω	6	7	604	1,237 [§]	-	-	-	-	-	-	-	-
Pape (2003)[22]	1	1	-	-	-	-	8	16 [¶]	-	-	-	24

“-“ indicates data not reported.

* A medication round is defined as the administration of all medications to all patients at a scheduled time.

† 2,016 at project completion and 2,223 at one year post-completion.

‡ 100 at 6 months and 12 months after intervention implementation.

§ 623 at 6 months and 614 at 18 months after intervention implementation.

¶ Two intervention groups with each having 8 medication rounds observed.

Ω These studies all related to the same project, the “Integrated Nurse Leadership Program”.