

Supplementary Table 1: Candidate instruments to measure postoperative recovery

Tool	Assessed interval	Population	Number of questions	Published Year	Self-administer?	Surgery type	Derivation size
Postdischarge Surgical Recovery (PSR)	Day 4	Ambulatory	18	2000	Yes	Laparoscopic cholecystectomy, hernia repair	163
Quality of Recovery (QoR)	24 h	Inpatient and ambulatory, adult	24	2000	Yes	Surgery with general anesthesia	160
Surgical Recovery Index (SRI)	Day 7, 14, 21 and 28	Inpatient	24	2004	Yes	Laparoscopic and open surgery (not specified further)	149
Functional Recovery Index (FRI)	Baseline, day 1, 3, 5 and 7	Ambulatory, adult	14	2009	Yes	Various ambulatory	324
Postoperative Quality of Recovery Score (PQRS)	Baseline, 15 and 45 min, day 1 and 3, 3 months	Inpatient, pediatrics + adults	18	2010	No	Elective surgery with general anesthesia	701
Surgical Recovery Scale (SRS)	Baseline, day 3, 7, 30 and 60	Inpatient, adult	13	2011	Yes	Elective colonic resection	150