

**Supplemental Digital Content - Table S1. Medical equipment use before PICU admission and after PICU discharge (n = 958)**

Type, n (%)	Equipment in Home <sup>a</sup> (n = 606)	Used Pre-PICU <sup>b</sup> (n = 253)	New Post-PICU <sup>c</sup> (n = 353)
<b>Pulmonary</b>			
Nebulizer	382 (40)	210 (22)	172 (18)
Home oxygen	107 (11)	61 (6)	46 (5)
Pulse oximeter	87 (9)	51 (5)	36 (4)
Suction	82 (9)	53 (6)	29 (3)
Cough assist	35 (4)	16 (2)	19 (2)
Vest airway clearance system	30 (3)	17 (2)	13 (1)
CPAP/BiPAP	22 (2)	7 (<1)	15 (2)
Tracheostomy	21 (2)	4 (<1)	17 (2)
Mechanical ventilation	21 (2)	4 (<1)	17 (2)
Other	25 (3)	9 (<1)	16 (2)
<b>Nutrition</b>			
Feeding tube <sup>d</sup>	178 (19)	103 (11)	75 (8)
Tube feedings	139 (15)	82 (9)	57 (6)
TPN	10 (1)	4 (<1)	6 (<1)
<b>Mobility</b>			
Wheelchair	86 (9)	58 (6)	28 (3)
Crutches/cane/walker	40 (4)	19 (2)	21 (2)
Braces (back, arms, or legs)	30 (3)	19 (2)	11 (1)
Other	23 (2)	19 (2)	4 (<1)
Home IV	56 (6)	17 (2)	39 (4)
<b>Patient transfer</b>			
Hospital bed	38 (4)	28 (3)	10 (1)
Mechanical lift	19 (2)	14 (1)	5 (<1)
Bathing/toileting	33 (3)	19 (2)	14 (1)

Abbreviations: CPAP/BIPAP, continuous positive airway pressure or bilevel positive airway pressure; TPN, total parenteral nutrition; IV, intravenous line.

<sup>a</sup> 63% of the study sample (606/958) were using at least one type of equipment within six months after discharge. 28% (273/958) were using more than one type of equipment.

<sup>b</sup> The column represents equipment that was used prior to the PICU admission and still in use six months after discharge.

<sup>c</sup> 37% of the study sample (n = 353/958) are using at least one piece of new equipment within six months after discharge.

<sup>d</sup> This includes subjects with feeding tubes placed, which could be used for feedings and/or medications. It is possible that a feeding tube is in place but is not being used