Appendix Fig. 1.(a) Indwelling urethral catheter point prevalence by individual units by month before and after intervention. (b)Proportion of appropriate indwelling urethral catheters by individual units by month before and after the intervention.Note.ICU, intensive care unit; CCU, coronary care unit; EICU, emergency intensive care unit.

Appendix Table 1.Urinary Catheter Point Prevalence by Hospital Unit

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Month | Hosp A ICU, % (n/N) | Hosp B CCU/EICU, % (n/N) | Hosp C EICU, % (n/N) | Hosp C ICU, % (n/N) | Hosp D ICU, % (n/N) | All, % (n/N) |
| Aug 2015 | 39 (14/36) |  | 92 (46/50) | 85 (47/55) |  | 76 (107/141)\* |
| Sep 2015 | 47 (15/32) |  | 95 (56/59) | 97 (57/59) | 94 (29/31) | 87 (157/181) |
| Oct 2015 | 61 (22/36) |  | 92 (48/52) | 86 (48/56) | 100 (32/32) | 85 (150/176) |
| Nov 2015 | 27 (8/30) | 81 (30/37) | 93 (51/55) | 95 (56/59) | 97 (29/30) | 82 (174/211) |
| Dec 2015 | 45 (15/33) | 82 (47/57) | 98 (44/45) | 85 (56/66) | 89 (31/35) | 82 (193/236) |
| Jan 2016 | 58 (21/36) | 62 (42/68) | 91 (32/35) |  | 97 (34/35) | 74 (129/174) |
| Feb 2016 | 65 (22/34) | 76 (41/54) |  |  | 66 (19/29) | 70 (82/117)\* |
| Mar 2016 |  | 57 (21/37) |  |  | 64 (21/33) | 60 (42/70)\* |
| Intervention |  |  |  |  |  |  |
| Jul 2016 | 22 (4/18) |  | 69 (37/54) | 30 (15/50) | 84 (21/25) | 52 (77/147) |
| Aug 2016 | 16 (3/19) | 63 (40/63) | 54 (26/48) | 40 (21/53) | 75 (9/12) | 51 (99/195) |
| Sep 2016 | 50 (17/34) | 78 (46/59) | 73 (41/56) | 32 (13/41) | 69 (22/32) | 63 (139/222) |
| Oct 2016 | 55 (18/33) | 73 (38/52) | 72 (34/47) | 50 (28/56) | 78 (18/23) | 64 (136/211) |
| Nov 2016 | 36 (13/36) | 68 (32/47) | 72 (33/46) | 52 (23/44) | 47 (14/30) | 57 (115/203) |
| Dec 2016 | 43 (13/30) | 57 (26/46) | 72 (33/46) | 54 (33/61) | 90 (27/30) | 62 (132/213) |
| Jan 2017 | 68 (26/38) | 67 (39/58) | 71 (32/45) | 58 (32/55) | 77 (30/39) | 68 (159/235) |
| Feb 2017 | 68 (32/47) | 65 (42/65) | 79 (41/52) | 47 (25/53) | 55 (12/22) | 64 (152/239) |
| Mar 2017 | 35 (7/20) | 65 (39/60) | 76 (38/50) | 57 (29/51) | 76 (19/25) | 64 (132/206) |
| Total Preintervention | 49 (117/237) | 72 (181/253) | 94 (277/296) | 89 (264/295) | 87 (195/225) | 79 (1,034/1,306) |
| Total Postintervention | 48 (133/275) | 67 (302/450) | 71 (315/444) | 47 (219/464) | 72 (172/238) | 61 (1,141/1,871) |

\* Average based on data from only 2–3 units.

Appendix Table 2.Urinary Catheter Appropriateness by Hospital Unit

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Month | Hosp A ICU,% (n/N) | Hosp B CCU/EICU,% (n/N) | Hosp C EICU,% (n/N) | Hosp C ICU,% (n/N) | Hosp D ICU,% (n/N) | All Units,% (n/N) |
| Aug 2015 | 79 (11/14) |  | 48 (22/46) | 43 (20/47) |  | 50 (53/107)\* |
| Sep 2015 | 60 (9/15) |  | 29 (16/56) | 67 (38/57) | 41 (12/29) | 48 (75/157) |
| Oct 2015 | 77 (17/22) |  | 52 (25/48) | 54 (26/48) | 50 (16/32) | 56 (84/150) |
| Nov 2015 | 63 (5/8) | 70 (21/30) | 61 (31/51) | 59 (33/56) | 48 (14/29) | 60 (104/174) |
| Dec 2015 | 53 (8/15) | 62 (29/47) | 64 (28/44) | 32 (18/56) | 42 (13/31) | 50 (96/193) |
| Jan 2016 | 76 (16/21) | 79 (33/42) | 88 (28/32) |  | 50 (17/34) | 73 (94/129) |
| Feb 2016 | 86 (19/22) | 68 (28/41) |  |  | 53 (10/19) | 70 (57/82)\* |
| Mar 2016 |  | 81 (17/21) |  |  | 43 (9/21) | 62 (26/42)\* |
| Intervention |  |  |  |  |  |  |
| Jul 2016 | 50 (2/4) |  | 95 (35/37) | 80 (12/15) | 71 (15/21) | 83 (64/77) |
| Aug 2016 | 0 (0/3) | 78 (31/40) | 100 (26/26) | 90 (19/21) | 89 (8/9) | 85 (84/99) |
| Sep 2016 | 76 (13/17) | 59 (27/46) | 100 (41/41) | 92 (12/13) | 55 (12/22) | 76 (105/139) |
| Oct 2016 | 44 (8/18) | 95 (36/38) | 97 (33/34) | 93 (26/28) | 78 (14/18) | 86 (117/136) |
| Nov 2016 | 100 (13/13) | 75 (24/32) | 94 (31/33) | 96 (22/23) | 43 (6/14) | 83 (96/115) |
| Dec 2016 | 92 (12/13) | 92 (24/26) | 94 (31/33) | 94 (31/33) | 70 (19/27) | 89 (117/132) |
| Jan 2017 | 92 (24/26) | 79 (31/39) | 97 (31/32) | 100 (31/32) | 77 (23/30) | 89 (141/159) |
| Feb 2017 | 100 (32/32) | 67 (28/42) | 95 (39/41) | 80 (20/25) | 83 (10/12) | 85 (129/152) |
| Mar 2017 | 100 (7/7) | 85 (33/39) | 100 (38/38) | 100 (29/29) | 68 (13/19) | 91 (120/132) |
| Total preintervention | 49 (85/117) | 72 (128/181) | 54 (150/277) | 51 (135/264) | 47 (91/195) | 57 (589/1034) |
| Total postintervention | 83 (111/133) | 77 (234/302) | 97 (305/315) | 93 (203/219) | 70 (120/172) | 85 (973/1141) |

\* Average based on data from only 2–3 units