

中心ライン関連血流感染

感染率 Central line-associated BSI rate					パーセンタイル Percentile				
ICUの種類	施設数 No. of units	感染件数 No. of CLAB	中心ライン使用日 Central line-days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS(臨床的敗血症含む)	29	58	25,867	2.2	0.0	0.0	1.4	3.7	6.2
JHAIS(臨床的敗血症無し)	21	45	25,867	1.7	0.0	0.0	1.3	2.7	4.8
NHSN Medical/surgical major teaching	182	1,474	699,300	2.1	0.0	0.6	1.7	2.9	4.6
Medical/surgical all others ≤ 15 beds	718	1,130	755,437	1.5	0.0	0.0	0.0	1.8	3.7
Medical/surgical all others > 15 beds	280	1,449	986,982	1.5	0.0	0.0	1.1	2.0	3.6

医療器具使用比 Central line utilization ratio					パーセンタイル Percentile				
ICUの種類 Type of location	施設数 No. of units	中心ライン使用日 Central line-days	延べ入室患者数 patient-days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS	29	25,867	47,206	0.55	0.24	0.39	0.53	0.68	0.78
NHSN Medical/surgical major teaching	182	699,300	1,178,614	0.59	0.32	0.47	0.58	0.71	0.76
Medical/surgical all others ≤ 15 beds	718	755,437	1,940,436	0.39	0.11	0.20	0.34	0.50	0.63
Medical/surgical all others > 15 beds	280	986,982	1,954,008	0.51	0.28	0.40	0.52	0.61	0.70

BSI, bloodstream infection; CLAB, central line-associated BSI. NHSN, National Healthcare Safety Network

NHSNデータは下記より引用

National Healthcare Safety Network (NHSN) report: Data summary for 2006 through 2008, issued December 2009
Am J Infect Control 2009;37:783-805.

尿道留置カテーテル関連尿路感染

感染率 Urinary catheter-associated UTI rate					パーセンタイル Percentile				
ICUの種類 Type of location	施設数 No. of units	感染件数 No. of CAU	カテーテル使用日 catheter-days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS(無症候性細菌尿含む)	16	65	28,064	2.3	0.0	0.5	2.0	4.1	9.7
JHAIS(無症候性細菌尿無し)	16	37	28,064	1.3	0.0	0.0	1.1	3.6	7.2
NHSN Medical/surgical major teaching	89	1,853	546,824	3.4	0.4	1.6	3.1	4.7	6.6
Medical/surgical all others ≤ 15 beds	235	1,586	459,741	3.4	0.0	0.0	2.1	4.3	6.2
Medical/surgical all others > 15 beds	111	2,104	675,759	3.1	0.0	1.0	2.6	4.5	7.3

医療器具使用比 Urinary catheter utilization					パーセンタイル Percentile				
ICUの種類 Type of location	施設数 No. of units	カテーテル使用日 catheter-days	延べ入室患者数 patient-days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS	16	28,064	33,020	0.85	0.63	0.77	0.89	0.95	1.00
NHSN Medical/surgical major teaching	89	546,824	700,556	0.78	0.54	0.65	0.79	0.85	0.90
Medical/surgical all others ≤ 15 beds	235	459,741	717,260	0.64	0.38	0.53	0.66	0.80	0.86
Medical/surgical all others > 15 beds	111	675,759	858,552	0.79	0.60	0.72	0.78	0.84	0.87

UTI, urinary tract infection; CAU, catheter-associated UTI. NHSN, National Healthcare Safety Network

NHSNデータは下記より引用

National Healthcare Safety Network (NHSN) report: Data summary for 2006 through 2008, issued December 2009
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人工呼吸器関連肺炎

感染率 Ventilator-associated PNEU rate					パーセンタイル Percentile				
ICUの種類 Type of location	施設数 No. of units	感染件数 No. of VAP	人工呼吸器使用日 Ventilator days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS	25	93	19,021	4.9	0.0	0.0	3.3	6.0	10.8
NHSN Medical/surgical major teaching	115	1,093	383,068	2.9	0.0	0.9	2.0	3.1	5.6
Medical/surgical all others ≤ 15 beds	325	621	282,004	2.2	0.0	0.0	0.7	3.0	5.8
Medical/surgical all others > 15 beds	138	904	469,719	1.9	0.0	0.4	1.3	3.0	4.2

医療器具使用比 Ventilator utilization ratio					パーセンタイル Percentile				
ICUの種類 Type of location	施設数 No. of units	人工呼吸器使用日 Ventilator days	延べ入室患者数 patient-days	pooled mean	10%	25%	50% (median)	75%	90%
JHAIS	25	19,021	45,468	0.42	0.15	0.28	0.34	0.48	0.55
NHSN Medical/surgical major teaching	115	383,068	870,206	0.44	0.15	0.30	0.40	0.54	0.62
Medical/surgical all others ≤ 15 beds	325	282,004	965,299	0.29	0.06	0.13	0.24	0.38	0.46
Medical/surgical all others > 15 beds	138	469,719	1,255,856	0.37	0.21	0.29	0.37	0.43	0.53

PNEU, pneumonia infection; VAP, ventilator-associated PNEU NHSN, National Healthcare Safety Network

NHSNデータは下記より引用

National Healthcare Safety Network (NHSN) report: Data summary for 2006 through 2008, issued December 2009

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