Preventing Catheter-Associated Urinary Tract Infections

With a Focus on Resource-Limited Settings

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Catheter characteristics in the pre- P values	eristics in the pre- and postintervention periods with appropriate				
	Preintervention	Postintervention			
	period, if (%)	period, if (%)			
	N = 82	N = 43	P value		
Indications for catheterization*					
Urinary incontinence	20 (24.4)	2 (4.7)	.003		
Urinary retention	3 (3.7)	2 (4.7)	.741		
Need for accurate ins/outs	4 (4.9)	1 (2.3)	.434		
Open sacral/perineal ulcer	2 (2.4)	1 (2.3)	.975		
Decreased mobility	75 (91.5)	39 (90.7)	.850		
				41	

Results				
Measure	Pre- intervention period	Post- intervention period	<i>p</i> -value	
Mean duration of catheterization	6.9 days	5.6 days	.322	
Catheter utilization ratio	0.14	0.09	<.001	
Number of CAUTIs	13	0		
CAUTIs per 1000 catheter- days	30.4	0	.002	
CAUTIs per 1000 patient-days	4.6	0	.028	
			42	

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