











Improving hand hygiene compliance before aseptic tasks



Intervention study

by Charité in Berlin with the active involvement of the BODE SCIENCE CENTER

<p>Study design</p> 	<p>Two-arm cluster randomised intervention study:</p>			
<p>Study period</p> 	<p>2017–2018; intervention phase of one year</p>			
<p>Interventions</p>  <p><i>Focus on aseptic tasks</i></p>	 <p>Team meetings with feedback sessions</p>	 <p>SOPs for optimised processes</p>	 <p>Training videos</p>	 <p>Eurodispenser 3 flex on all infusion stands</p>
<p>Measurements during intervention phase</p>	 <p>Observation of hand hygiene compliance with the Observe App</p>	 <p>Rate of positive blood cultures per 1,000 patient days</p>		
<p>Study results</p> 	<p>Significant increase in hand hygiene compliance before aseptic procedures in the intervention group: from 44 % (baseline) to 53 % (p=0.03)</p> <p>Fewer positive blood cultures in intervention wards (vs. control wards): 0.71 vs. 1.16 / 1,000 patient days</p>			

(07.20)

Source: Aghdassi et al. (2020) A multimodal intervention to improve hand hygiene compliance in peripheral wards of a tertiary care university centre: a cluster randomised controlled trial. Antimicrob Resist Infect Control (2020) 18;9(1):113.



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