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VALIDATION OF THE PROXY TEST FOR DELIRIUM (PTD) AMONG DELIRIOUS PATIENTS IN KING KHALID UNIVERSITY HOSPITAL (KKUH) IN RIYADH, SAUDI ARABIA.

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Objective: To validate The Proxy Test for Delirium (PTD) as a screening tool used by nurses to detect delirium in patients admitted to the Intensive Care Unit (ICU).

Methods: A convenient sample of 288 patients who were eighteen years and above admitted to ICU at King Khalid University Hospital (KKUH) were observed in a cross sectional study. The screening tools were used blindly to detect delirium. These tools were; The PTD perform by the patient's primary nurse at the end of their shift, The CAM performed by a trained research assistant, and a clinical neuropsychiatric evaluation based on DSM-5 criteria performed by Psychosomatic Medicine specialist. The data were analyzed using the SPSS and Medcalc programs.

Results: The result suggests that using a cutoff score more than 5, the PTD has a sensitivity of 60.00%, specificity of 94.29%, positive predictive value of 0.818 and negative predictive value of 0.846. The sensitivity of CAM was 53.33% and the specificity was 100.00%. The positive predictive value and the negative predictive value were 1 and 0.833, respectively. Conclusion: The PTD has shown to be more sensitive in detecting delirium cases than CAM in the ICU. In the other hand, CAM has shown to be more specific.

Biography

Latifah Mohammed Albatly is a medical student at King Saud University, Collage of Medicine.

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