



TITLE PAEDIATRIC DELIRIUM SCREENING IN PICUS (**PART 2**) TRAINING & IMPLEMENTATION

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BACKGROUND and AIM

There is no UK and Ireland consensus approach to daily screening for paediatric delirium (PD). The Paediatric Delirium Group UK and Ireland (PDGUKI) responded to a call from PCCS to prioritise PD^[1], with the aim to support PICUs to implement and sustain successful PD practice change.

METHODS

The PDGUKI working group was established and met on a monthly basis to devise an implementation strategy using the Quality Implementation Framework.^[2] Local champions were recruited. To support practice change, the group liaised with Dr. Chani Traube to create multi-medium CAPD education and audit resources and established a peer support network. Outputs were evaluated and refined through collation of verbal user feedback. PICUs were surveyed to evaluate (June 2022) engagement with PDGUKI resources.

RESULTS

PDGUKI working group developed video training materials for CAPD screening, pre/post knowledge tests, screening records and audit tools, hosted on a dedicated website.^[3] Champion training launched in November 2021. Facilitated monthly peer support meetings are ongoing to support local goal setting and develop audit parameters. 18 (62%) PICUs have ongoing representation at peer support meetings and 7 (24%) PICUs have commenced entry of PD screen audit data on the PDGUKI website. Of 15 PICUs currently training, all but one (93%) have utilised PDGUKI resources.

CONCLUSION

Substantial preparation utilising an innovative approach has supported PICUs across the UK and Ireland to embed routine PD screening, paramount to enabling future exploration of PD prevention and management.

REFERENCES

1. Tume, L.N., et al., *Research Priorities for U.K. Pediatric Critical Care in 2019: Healthcare Professionals' and Parents' Perspectives*. *Pediatr Crit Care Med*, 2021. **22**(5): p. e294-e301.
2. Meyers, D.C., J.A. Durlak, and A. Wandersman, *The quality implementation framework: a synthesis of critical steps in the implementation process*. *Am J Community Psychol*, 2012. **50**(3-4): p. 462-80.
3. Paediatric Delirium UK and Ireland website [<https://www.qub.ac.uk/sites/uk-paediatric-delirium-group/>]