

# Critical Care Advanced Clinical Practitioners DREEAM and deliver research

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## The development of a structured education programme to increase Critical Care (CC) Advanced Clinical Practitioners' (ACP) research delivery awareness, understanding, confidence and involvement.

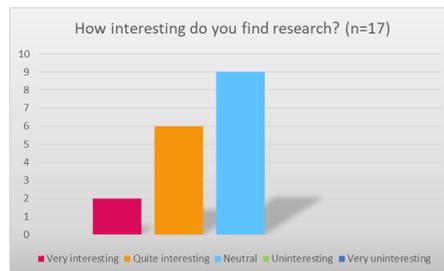
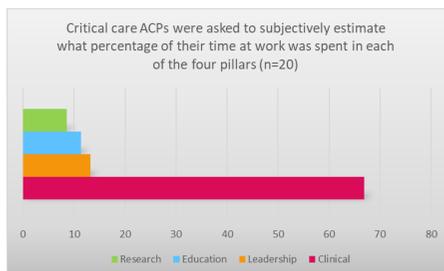
### BACKGROUND:

Advanced Practice encompasses four pillars of practice; this suggests equal weighting to each pillar, however in practice priority is placed on the clinical pillar with less focus on leadership, education and the often most neglected pillar, research. A review of recent literature found that ACPs find problems accessing research due to service demands, limited resources and clinical time pressures. Many ACPs feel scared of research and lack confidence in their ability, use and knowledge of the research process. ACPs often lack support from hospitals, departments and ethics committees to perform research, and for dissemination of research findings.

### METHOD:

Two audits collected local data from 20 CC ACPs. The first measured how much time each ACP felt was spent on each pillar, 20 responses were received. The second measured research interest, experience and confidence, 17 responses were received.

### RESULTS:



### OUTCOME:

Working with the DREEAM research team, a 60 hour, structured, immersive, competency-based education programme for ACPs to improve research awareness, increase understanding of, and involvement in research delivery within a university teaching hospital, was developed. The learning outcomes and competencies were based upon the FICM curriculum for training Advanced Critical Care Practitioners (ACCP), and the HEE Framework for ACP. This course will support the ACP in meeting the expectations in the NUH ACP Framework

During the course the ACP will:

- Complete initial audit and MCQs
- Complete informed consent with adults lacking capacity training and consent sim training
- Undertake lab training
- Screen, determine eligibility, consent, recruit and randomise patients for research, demonstrating good clinical practice
- Submit a research CV
- Complete trial training and join the delegation log for at least one study
- Demonstrate an understanding of adverse events
- Experience following up patients
- Produce evidence to demonstrate learning outcomes are met
- Complete the final audit and MCQs (achieve final pass score ≥80%)

ACPs are permanent members of the junior medical team, and are a valuable resource to support research delivery within CC and NUH. MCQs and an audit have been designed to assess learning and improvement in ACP's knowledge of, and confidence in research before and after the education programme. If this demonstrates improvement, this course will be offered to other ACPs in NUH.

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