ENGAGE Showcase Event 2022



"A truly inspiring showcase of **Quality Improvement** Project presentations"

Dr Ian Steele - Postgradutate Dean & Director of Education **NIMDTA**







NIMDTA and HSC Leadership Centre (HSCLC) hosted their sixth annual 'ENGAGE Clinical Leadership and Improvement Programme' showcase evening online on Monday 27 June 2022.

and the judging panel to the event, and provided a background on the ENGAGE Leadership

The judging panel for the evening consisted of:

- Ms Levette Lamb, Regional Senior Improvement Advisor, HSCQI Hub Team

answer session followed each presentation.

The top three QI Poster Projects selected via survey and presented at the event were:

Dr Sharon Graham - Bringing Northern Ireland teaching up to PACE(s) with the rest of the UK Dr Aideen Callaghan - Rationalising investigations from the Post-Anaesthesia Care Unit (PACU) Dr Grainne Doran - Going Green: Improving our Carbon Footprint through Inhaler Choice

Once all presentations had concluded the judges retired and, after careful consideration, awarded Dr Aideen Callaghan first place and gave a joint second achievement placement to both Dr Sharon Graham and Dr Grainne Doran!

Dr Ian Steele, Postgraduate Dean & Director of Education NIMDTA, delivered the closing remarks for the event and congratulations was extended to all ENGAGE Clinical Leadership and Improvement Programme Trainees, for the year 2021-2022.

A special thanks was also extended to Mrs Paula O'Kelly and Mrs Maura McMackin, Senior Consultant, HSCLC for facilitating the event.

See next page to view the winning QI Poster Presentations and a list off all participates!



HSCLC



Mrs Paula O'Kelly Mrs Maura McMackin **HSCLC**

Would you like to join the 2022/2023 ENGAGE Programme?

> For further information and to enroll contact: valuedtrainees@hscni.net

ENGAGE Showcase Event 2022

Winning Presentations!

1st Place!

Dr Aideen Callaghan

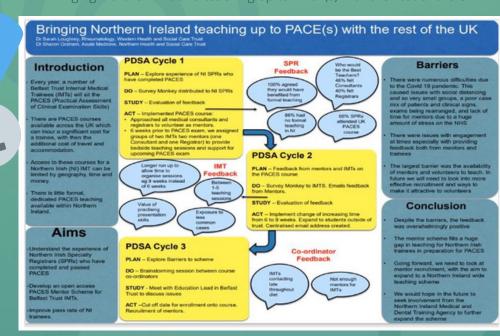
Rationalising investigations from the Post-Anaesthesia Care Unit (PACU) Rationalising investigations from the Post-Anaesthesia Care Unit (PACU) HSC), Beifast Health and A Callaghan, M Choynowski, M McCormick The MDT decision was that FBP/U+E were sufficient for standard post-op bloods and additional tests could be requested on a case by case basis (e.g. if major haemorrhage/intraoperative complications) spending on lab tests - £2.5 billion/year still being sent routinely £7.98 per test – £847 CT lab costs are around £26.5 million/year ound 25% of tests sent are unnecessary², leading to patient harm, wasted resources (with financial and environmental implications) and 25-40% \uparrow workload To address this, new PACU documentation was updated to reflect these posters were displayed in PACU as a visual aid for staff showing agreed standard investigations PACU is a new enhanced post-operative care unit that Ix FBP provides higher level care to high risk patients undergoing complex major surgery We are currently re-auditing U+E ABG = CXR There is a need to improve efficiency and reduce waste in healthcare to ensure financial sustainability Doctors should embrace the the values of resource stewardship in their clinical practice and empower Reduce waste and improve efficiency by reducing unnecessary investigations in PACU MDT updated via trust email, PACU staff informed by sister in charge and via PACU communication book Method and Results others to do the same Phase 1: Retrospective survey of lab investigations sent on admission to PACU and on D1 post-op during the month of Nov 21 – 66 patients In PACU, standard post-op investigations had not been agreed and most patients were receiving ICU admission bloods - left to be excessive and Phase 2: D0 and D1 PACU blood investigations were audited in Feb 22-67 patients unnecessary for our patient cohort By raising awareness, working together and agreeing standards suitable for our patients, we have been able to achieve a 20% reduction in tests being sent, with a 30% reduction in cost so far This would equate to > £10,000 per year Following data collection in Phase 3: If routine coag screening was also reduced, this could result in a 40% reduction in tests overall, with a monthly cost saving of 62% For current levels of activity, this would mean a potential annual saving of > £20,000 Bloods sent from PACU were similar to those for an ICU admission which in a majority of cases was unnecessary and wasteful References 20% less tests requested overall Switch from ICU profile to U+E

Joint Second Place!

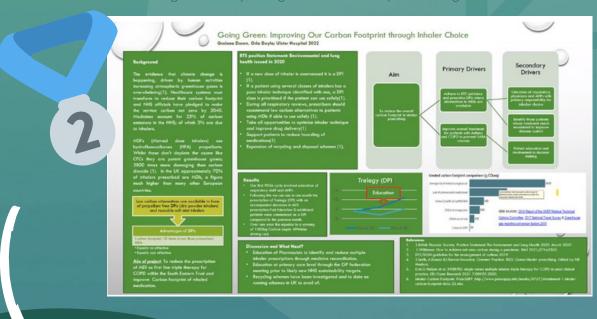
Amounting to a total cost saving of £880
30% cost reduction

Dr Sharon Graham

Bringing Northern Ireland teaching up to PACE(s) with the rest of the UK



Dr Grainne Doran



To view all QI Presentation entries for 2022 visit:

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List of Participants

Dr Adam Glass - Increasing Anaesthetic Trainee Research Activity in Northern Ireland

Dr Adam Lowe - Preparing Patients for Surgery and My Care Record

Dr Aideen Callaghan - Rationalising investigations from the Post-Anaesthesia Care Unit (PACU)

Dr Barry Campbell - Neuraxial Blockade in C-Sections - A Change in Practice Intrathecal Diamorphine to Morphine/Fentanyl

Dr Caroline Rice - 'Surviving Sepsis' on the Sofa

Dr Catherine Poots - Acute Aortic Syndrome; A Management and Safe Transfer Guideline

Dr Cherie Hegarty - Return to Emergency Medicine

Dr Claire Bradley - Virtual review following indwelling pleural catheter insertion- a quality improvement project

Dr Claire Neill - Management of invasive group A streptococcal (iGAS) infection and outbreaks: development of a quick reference tool for Health Protection Teams

Dr Colin McIlmunn - BCH Breast Unit Outpatient Quality Improvement: Talk to me, not about me

Dr Eamonn Sweeney - Improving BCG Clinic Attendance - Our difficult journey has just begun

Dr Gemma Ferguson - Introduction of an Acute Gynaecology Clinic

Dr Grainne Doran - Going Green: Improving our Carbon Footprint through Inhaler Choice

Dr Helen Ford - Valproate Prescribing in Women of Childbearing Potential: Audit & Quality Improvement Project in NHSCT

Dr John Mulholland - A spoonful of medicine makes the fever go down

Dr Jonathan McCarter - Pelvic Fractures - QI Project

Dr Karen Bell - Postnatal Oxygen Saturation Monitoring

Dr Karl Grimes - Orthodontic retention protocols and compliance

Dr Kirsty Taylor - Formalising the Acute Oncology Haematology Unit (AOHU) evening handover

Dr Laura Feeney - ROUTINE CORTISOL BLOOD TESTING DURING IMMUNOTHERAPY

Dr Maria Tumelty - Management of Oral Epithelial Dysplasia(OED) The Belfast Approach

Dr Mike Jamison - Massive blood loss training in Belfast City Hospital Theatres - A Massive Project

Dr Nicholas Hope - Improving Tonsillectomy Technique

Dr Peter Nelson - Project Team/Stakeholder Engagement

Dr Phil McKeag - Secondary Survey Documentation Following Trauma Calls in the Royal Victoria Hospital Belfast

Dr Rachel Farr - A Local Covid Recovery Plan: Using Simulation to improve Training in Gynaecological Surgery in the South Eastern Trust

Dr Shane McAnearney - Why Test?

Dr Sharon Graham - Bringing Northern Ireland teaching up to PACE(s) with the rest of the UK

Dr Sharon Maughan - CVC Insertion QI Project

Dr Stephanie Campbell - Streamlining the Dementia Outreach Team (DOT), BHSCT



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