

**“An Introduction to Improvement Science”**

**Northern School of Anaesthesia and Intensive Care Medicine**

**24<sup>th</sup> January 2017**

**The Education Centre, Royal Victoria Infirmary, Newcastle upon Tyne NE1 4LP**

- 09:00 Registration
- 09:20-09:30 **Introduction: from audit to quality improvement**  
*Dr K Duffield, Consultant Anaesthetist, Newcastle upon Tyne Hospitals NHSFT*
- 09:30-10:00 **Basics of QI methodology**  
*Dr D Miller, Specialty Registrar Anaesthesia and former Improvement Fellow, Sheffield Coaching Academy*
- 10:00-10:30 **Measurement for improvement**  
*Dr D Miller*
- 10:30-11:00 **Process mapping and LEAN methodology**  
*TBC*
- 11:00-11:20 Coffee
- 11:20-12:00 **Group work: measurement for improvement**
- 12:00-12:30 **Quality indicators, data and statistical process control 1: a national project - NELA**  
*Dr T Poulton, Specialty Registrar Anaesthesia and Fellow, National Emergency Laparotomy Audit*
- 12:30-13:15 Lunch
- 13:15-13:25 **Silver Jubilee: 25 years of the Royal College of Anaesthetists**  
*Dr Lucy Williams, Council Member*
- 13:25-13:55 **Quality indicators, data and statistical process control 2: a local project – SQIP**  
*Dr D Saunders, Consultant Anaesthetist and Dr S Wright, Consultant in Anaesthesia and Intensive Care Medicine, Newcastle upon Tyne Hospitals NHSFT*
- 13:55-14:25 **Human factors and quality improvement**  
*Dr D Murray, Consultant Anaesthetist, South Tees Hospitals NHS Foundation Trust and Human Factors Lead, Health Education England-North East*

- 14:25-14:55    **Checklists: beyond compliance**  
*Dr D Wijeratne, Specialty Registrar Obstetrics and Gynaecology and Patient Safety  
Fellow, Yorkshire and Humber Improvement Academy*
- 14:55-15:15    Coffee
- 15:15-15:45    **Creating an improvement culture**  
*Prof R McSherry, Professor of Nursing and Practice Development, Teesside University*
- 15:45-16:15    **External drivers: the political picture**  
*Dr K Duffield*
- 16:15-16:20    Closing remarks

Please note this programme may be subject to change