

6.08 Non-Invasive Ventilation Teaching Initiative (QIP)

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Background: Non-invasive ventilation (NIV) is increasingly used in hospitals to treat acute decompensated type II respiratory failure (T2RF). During undergraduate training, there is little emphasis on the practical aspects of NIV, resulting in inappropriate prescription and incorrect use. **Methods:** A series of NIV teaching sessions was trialled at the SWAH in order to familiarize staff with the British Thoracic Society (BTS) guidelines, indications and contraindications, escalation and de-escalation, and troubleshooting issues. Each session included a theoretical section, case discussions, and hands on experience with NIV machines. Participation was open to both medical and nursing staff together in a novel approach to facilitate open discussion and understanding between the various grades involved with NIV delivery. The session was delivered monthly over a period of six months. Good attendance was noted across all grades with presence from other hospitals within the trust. Attendees filled out a self-assessment form prior to and following their NIV teaching session. **Results:** This self assessment showed an increase in understanding and confidence across all aspects of NIV administration. As a result of this trial, NIV teaching has been added to the list of teaching sessions included in the induction timetable for new trainees at the hospital. **Conflict of Interest:** The authors declare that they have no conflict of interest.