

#### **1.14 Improving asthma care by implementing elements of the BTS (British Thoracic Society) asthma discharge bundle in the respiratory units in the Royal hospital, Belfast**

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**Background:** Admission to hospital with an acute asthma flare up is a serious and potentially life threatening event. We undertook a Quality Improvement (QI) project on the implementation of the BTS Asthma Bundle. Our aim was to improve nursing knowledge in assessing inhaler technique and improve confidence in providing assistance to correct issues with poor inhaler technique. **Method:** The QI group analysed Fishbone and Driver Diagrams and identified change initiatives. A programme for staff nurse training and supervision was developed. This was rolled out to all nurses on the respiratory units. An Asthma acronym was created to help improve and maintain asthma care awareness. We designed questionnaires to measure nursing confidence and knowledge and these were administered pre intervention and 4-6 weekly intervals post intervention.

**Results:** Nursing inhaler confidence and knowledge improved, maintaining greater than 70%

**Conclusion:** The project has led to improved nursing knowledge and confidence with assessing and supervising inhalers technique. Our future aim would be to review if the implementation of this project had an impact on hospital bed days and readmissions.

**Keywords:** Asthma care, BTS discharge Bundle, staff confidence. **Disclosures:** The authors declare that they have no conflict of interest