The ROYAL MARSDEN NHS Foundation Trust

A SNAPSHOT AUDIT OF TRACHEOSTOMY CARE IN A TERTIARY CANCER CENTRE

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Background	
patients with altered airways. We patients with tracheostomies in a ter neck tumours and compared it wit	ng of tracheostomy tubes are important in caring for performed a snapshot audit of care delivered to rtiary cancer centre caring for patients with head & th the recommendations outlined in the National Deaths (NCEPOD) report, 'On the right trach' ¹ .
Method	
patients undergoing a tracheostomy used the 3 questionnaires develope patients identified. The following	otes and the electronic patient record system for all y during the period 25.02.2014 to 12.05.2014. We ed by the NCEPOD report to collate data on the elements of tracheostomy care were audited: eostomy care, decannulation, complications and
outcome.	
outcome. Results	
Results 9 tracheostomies were performed	during the data collection period, for a variety of tubes were cuffed, non-fenestrated and of standard orts.
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Results 9 tracheostomies were performed indications shown in Figure 1. All t length with sub-glottic aspiration po • 6 were performed in ITU • 3 were performed in theatres • 6 were classified as 'emergency'	tubes were cuffed, non-fenestrated and of standard orts. Fig. 1: Indications for tracheostomy





Percutaeneous tracheostomies:

procedures were performed on the ITU by Consultant tensivists. Consent forms were completed for 4 out of 6 tients. The surgical safety checklist was not used in any of the ses. 100% of cases used USS to image the neck vessels, onchoscopy to confirm tracheal puncture & confirm placement d capnography to measure end tidal CO₂. Post-procedure chest diographs were reviewed in all cases. One patient had a false ack created during insertion which was recognised early and did t result in an adverse outcome.

irgical tracheostomies:

onsent forms and a surgical safety checklist was completed in all ses. All patients were sent to ITU from theatres. There were no iled intubation attempts. One case was performed by a onsultant UGI surgeon; 2 by Consultant Maxillo-Facial rgeons. In all cases a Consultant Anaesthetist was present.

ost-tracheostomy care:

tracheostomies were humidified with hot water imidification. In 89% of cases a daily assessment was made for iff deflation according to Trust protocol. Inner cannulae were 6 sed in all cases, with frequency of inner tube inspection shown in gure 2. Attempts to facilitate communication occurred in 56% of uses: 4 patients used a speaking-valve; 2 used pen, paper or 4 iteboard; 1 patient made use of an electronic device. In only 3 2% of cases was advice sought from SALT. The most common 2 mplication post procedure was minor bleeding (33%). One atient had an accidental tracheostomy dislodgement resulting in rly decannulation. All decannulations were successful on first tempt and without documented complication. There were no eaths attributed to tracheostomy.

onclusions & Recommendations

e demonstrated good compliance with NCEPOD recommendations in relation to acheostomy insertion, post insertion care and decannulation. No identified mplications led to adverse outcomes. Areas for improvement identified were: need for mpletion of the WHO checklist for tracheostomies performed in ITU; need for gular **multidisciplinary tracheostomy ward rounds**; creation of a **tracheostomy 'passport'** for patients with tracheostomies, and regular **re-audit** of tracheostomy data.

