NRAP Good Practice Repository – COPD

Yeovil District Hospital
Somerset NHS Foundation Trust

KPI3:
Spirometry result available.

Yeovil District Hospital achieved:
62.6% - 2022-23*
***% of patients submitted to the audit.**

Consistent improvement in documentation of spirometry for patients admitted to Yeovil District Hospital (YDH) with acute COPD, 1rom 43.3% in 2021-22, to 62.6% in 2022-23.

Our processes to achieve good practice in KPI3:

Our Business Intelligence department was approached to create an automated list of all non-elective admissions and ED attendances with keywords 'COPD', 'SOB', 'chest'. The nurses use this list to identify COPD attenders.

The respiratory nurse specialists (RNSs) also perform active case-finding by looking at reasons for admission of all ward inpatients on the Electronic Health Record.

Having identified new COPD admissions, the RNSs review these admissions after seeing any formal referrals to ensure COPD education, inhaler technique, and discharge bundle provided, and to gather data for the NRAP audit.

Information such as spirometry values are obtained by looking on the GP care record (EMIS for Somerset, DCR for Dorset), in addition to information on the hospital EHR, or the community oxygen service records for patients on Home Oxygen.

- For patients who are from out of area, the RNSs contact the GPs directly.
- Audit information is prospectively added to the audit system by the RNSs.
- Patients who do not have COPD as a diagnosis on discharge are excluded.

In the aftermath of COVID pandemic spirometry availability in primary care was very limited, but the recent implementation of primary care diagnostic hubs has improved access to spirometry.

Staffing

At Yeovil District Hospital we have two Whole Time Equivalent Band 6 Respiratory Nurse Specialists (RNSs) who are job-planned to gather and enter information into the NRAP audit. They spend about an hour each day doing this. Job-planned time for the audit is essential to guarantee good audit data.

COPD Good Practice Repository – case study
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