



BTS Emergency Oxygen Audit – Ward Data Collection Sheet

Please use this form to collate patient data for each ward before entering data on the audit tool system

<http://audits.brit-thoracic.org.uk/>
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SECTION ONE

1.1* Ward Name _____

1.2* Type of Ward (please select one):

General Medicine MAU A&E Respiratory CCU MHDU
SHDU Elderly Care Surgical Other _____

1.3* Date of Audit ____/____/____

1.4* Total number of patients on the ward on the date of the audit

SECTION TWO: Patients using oxygen at the time of the audit: (see section 2 of patient data sheet)

2.1a* Number of patients with a valid prescription with target saturation range

2.1b Number of patients on oxygen with other written prescription or order

2.1c Number of patients using oxygen but with no written order

Patients not using oxygen at the time of the audit:

2.1d Number of patients not on oxygen and no current prescription of oxygen

2.1e Number of patients with a prescription with target range but not on oxygen because the oxygen saturation is within or above the target range

2.1f Number of patients with a prescription with target range and not using oxygen but the most recent oxygen saturation was below the target range.

2.1g Number of patients with oxygen prescription or order without target range but not on oxygen now.

Management & monitoring of oxygen therapy

2.2* How many relevant drug rounds since O₂ started (or in the past 3 days)
(Total number of drug rounds for every patient using oxygen added together)

2.3* How many signatures for oxygen on drug charts since O₂ started?
(Total number of signatures for every patient using oxygen added together)

2.4* How many observation rounds SHOULD have taken place in the last 24 hours? ..
(Total number of rounds for all patients who are using oxygen, even if not prescribed)

2.5* In the last 24 hours how many oxygen saturations have actually been monitored and recorded on the observation chart?
(Total number of saturations for all patients. This applies to all patients who are using oxygen, even if not prescribed)

2.6* How many saturations were within the target range at the latest assessment?
(Record one observation for each patient with a valid target range)

2.7a* For how many patients was the most recent saturation above the target range? ..

2.7b* For how many patients was the most recent saturation below the target range? ..

2.8a* If above target range, for how many patients was the device or flow rate changed and signed for?

2.8b* If below target range, for how many patients was the device or flow rate changed and signed for?

2.9* For how many patients was the delivery system in use exactly the same as that on their charts?

SECTION THREE

Count all devices in use on this ward at the time of this audit (what was the patient using at the time of the audit – see Qu 2.10 on the patient data sheet?) The number of users should be shown next to each of the options shown below:

3.1 Air - patient not having oxygen therapy (total number of patients from 2.1d to 2.1g) .

3.2 N Nasal Cannulae

3.3 SM Simple Mask

3.4 V24 Venturi 24%

3.5 V28 Venturi 28%

3.6 V35 Venturi 35%

3.7 V40 Venturi 40%

3.8 V60 Venturi 60%

3.9 H28 Humidified Oxygen at 28% ("Quatro" or similar device)

3.10 H35 Humidified Oxygen at 35%

3.11 H40 Humidified Oxygen at 40%

3.12 H60 Humidified Oxygen at 60%

3.13 RM Reservoir Mask

3.14 TM Tracheostomy Mask

3.15a CP Patient on CPAP system

3.15b CP(H) Patient on CPAP system with humidification

3.16 NIV Patient on NIV system

3.17 Other - please specify

Data from each question on the patient data collection sheet should be collated to provide the total for the corresponding question on the ward data collection sheet.

* indicates required field



BTS Emergency Oxygen Audit – Patient Data Collection Sheet
Please complete one form for each patient before entering summary data for each ward

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SECTION ONE

1.1* Patient Case Number

1.2* Which ward is the patient on?

1.3* Type of Ward (please select one):

General Medicine MAU A&E Respiratory CCU MHDU
 SHDU Elderly Care Surgical Other

1.4* Number of patients on ward 1.5* Date of Audit ____/____/____

SECTION TWO

2.1 Oxygen status of this patient (please select the option that best fits this patient)

Patients currently using oxygen:

2.1a Patient currently using oxygen with prescription with target range

2.1b Patient currently using oxygen with prescription by other written order

2.1c Patient currently using oxygen with no prescription

Patients not using oxygen at the time of the audit:

2.1d Patient is not on oxygen and there is no current prescription for oxygen

2.1e Patient has a prescription with target range but is not on oxygen because the oxygen saturation is within or above the target range

2.1f Patient has a prescription with target range and is not using oxygen but the most recent oxygen saturation was below the target range (please ask ward team to re-start oxygen)

2.1g Patient has oxygen prescription or order without target range but is not on oxygen now (e.g. patient may have recovered but prescription not yet cancelled).

Do not collect any further data for this patient if he/she is not using oxygen. You have completed the audit for this patient if the patient is in category 2.1d to 2.1g.

Section 2.2 This section applies only to patients who are actually using oxygen at the time of this audit.

2.2 If the patient is using oxygen, how many drug rounds took place since the patient started oxygen? (If on oxygen for more than 3 days, limit your search to 3 days)

2.3 If the patient is using oxygen, how many times has the nurse or other dispensing clinician signed for the oxygen on the drug chart during the above period?

2.4 In the last 24 hours how many oxygen saturations should have been monitored and recorded on the observation chart? (Based on the recorded Observation level for this patient. This applies to all patients who are using oxygen, even if not prescribed).

2.5 In the last 24 hours how many oxygen saturations have actually been monitored and recorded on the observation chart? (This applies to all patients who are using oxygen, even if not prescribed).

2.6 If the patient is using oxygen and has a prescription with a target saturation range, was the SpO₂ in the target range at the last assessment?
 Yes No Not applicable

2.7 If the patient has a prescription and the oxygen saturation was outside the target range at the last assessment, was the reading too high or too low?
 High Low Not applicable

2.8 If the oxygen saturation was outside the target range at the last assessment, has the oxygen delivery system (device and/or flow) been changed and signed for?
 Yes No Not applicable

2.9 Is the patient using the same oxygen delivery system (device and flow rate) as that listed on the bedside observation chart?
 Yes No Not applicable

SECTION THREE

What device was the patient actually using at the time of the audit? (please tick)

Codes for Oxygen Devices	Devices	✓
N	Nasal Cannulae	
SM	Simple Mask	
V24	Venturi 24%	
V28	Venturi 28%	
V35	Venturi 35%	
V40	Venturi 40%	
V60	Venturi 60%	
H28	Humidified oxygen at 28% ("Quatro" or similar device)	
H35	Humidified oxygen at 35%	
H40	Humidified oxygen at 40%	
H60	Humidified oxygen at 60%	
RM	Reservoir mask	
TM	Tracheostomy mask	
CP	Patient on CPAP system	
CP(H)	Patient on CPAP system with humidification	
NIV	Patient on NIV system	
Other	Other device (please specify)	

* indicates required field