



### 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/>  
[audittools@brit-thoracic.org.uk](mailto:audittools@brit-thoracic.org.uk)

#### 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 .....

1.5\* Number of patients on oxygen .....

1.6\* Number of patients with a valid prescription with target saturation range .....

1.7 Number of patients on oxygen without a valid prescription with target saturation range:

1.7a Number of patients with oxygen dose or device specified on the prescription card but with no target range set .....

1.7b Number of patients with oxygen dose or device specified on bedside documents or case record but no target range .....

1.7c Number of patients with other drug order (eg post-operative drug order) but no target range set .....

1.7d Number of patients with oxygen dose or device specified in case record with target range .....

1.7e Number of patients with other written order to give oxygen .....

1.7f Number of patients using oxygen but with no written order for oxygen use .....

1.8 How many patients with a valid prescription are on continuous oxygen or PRN oxygen?

1.8a\* Continuous .....

1.8b\* PRN .....

1.8c\* Not stated .....

1.9\* How many relevant drug rounds since O<sub>2</sub> started (or in the past 3 days) .....   
*(Total number of drug rounds for every patient with a valid prescription added together)*

1.10\* How many signatures for oxygen on drug charts since O<sub>2</sub> started? .....   
*(Total number of signatures for every patient with a valid prescription added together)*

1.11\* 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)*

1.12\* 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)*

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

1.14a\* For how many patients was the most recent saturation above the target range? ...

1.14b\* For how many patients was the most recent saturation below the target range? ...

1.15a\* If above target range, for how many patients was the device or flow rate changed and signed for? .....

1.15b\* If below target range, for how many patients was the device or flow rate changed and signed for? .....

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

#### SECTION TWO

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?) The number of users should be shown next to each of the options shown below:

2.1 A Air - patient not requiring oxygen therapy .....

2.2 AX Measurement on air for a patient on PRN Oxygen therapy .....

2.3 AW Measurement on air for a patient who is being weaned off oxygen but not yet discontinued on chart. ....

2.4 N Nasal Cannulae .....

2.5 SM Simple Mask .....

2.6 V24 Venturi 24% .....

2.7 V28 Venturi 28% .....

2.8 V35 Venturi 35% .....

2.9 V40 Venturi 40% .....

2.10 V60 Venturi 60% .....

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

2.12 H35 Humidified Oxygen at 35% .....

2.13 H40 Humidified Oxygen at 40% .....

2.14 H60 Humidified Oxygen at 60% .....

2.15 RM Reservoir Mask .....

2.16 TM Tracheostomy Mask .....

2.17 CP Patient on CPAP system .....

2.18 NIV Patient on NIV system .....

2.19 Other - please specify .....

\* 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 Is this patient using oxygen (or is there an oxygen prescription) ?** Yes   
 (Say "Yes" if oxygen is prescribed or ordered, even if not in use at this moment.  
 Say "Yes" if patient is using oxygen that is not prescribed on the drug chart or if the patient tells you that he/she uses oxygen despite no prescription.)  
*Do not include the patient in this oxygen audit if he/she is not using oxygen.*

**2.2 If using oxygen, is there a formal oxygen prescription with target saturation range in the drug chart or electronic prescribing record?** Yes  No

**2.3 If using oxygen without a formal prescription with target saturation range, is there another clear instruction as to what oxygen therapy is intended?** *(Ignore this question if the patient has a prescription with a target range)*

a) Oxygen dose or device is specified on the prescription card but no target range is set.

b) Oxygen dose or device is specified on bedside documents or case record but no target range.

c) Other drug order (e.g. post-operative drug order) but no target range set.

d) Oxygen dose or device is specified in case record with target range.

e) Other written order to give oxygen.

f) Patient is using oxygen but there is no written order for oxygen use.

**2.4 If there is a prescription, is it for continuous oxygen or PRN oxygen or Not Stated?**  
 Continuous  PRN  Not Stated

**2.5 If the patient has been prescribed 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)*

**2.6 If the patient has been prescribed oxygen, how many times has the nurse or other dispensing clinician signed for the oxygen on the drug chart during the above period?**

**2.7 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)*

**2.8 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)*

**2.9 If the patient has a prescription with a target saturation range, was the SpO<sub>2</sub> in the target range (if applicable) at the last assessment?**  
 Yes  No  N/A (PRN)

**2.10 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

**2.11 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

**2.12 Is the patient using the same oxygen delivery system (device and flow rate) as that listed on the bedside observation chart?**  
 Yes  No

**2.13 What device was the patient actually using at the time of the audit?**  
*(Use the standard codes for devices as shown on the ward summary form for this audit)*

\* indicates required field