

Hyperbaric Oxygen Quality Dashboard 2017/18

| Indicator Reference Number | Domain | Theme | Measure | Rationale | Name of Indicator/ Description | Numerator | Denominator | Period Type | Frequency | Data Source Numerator | Data Source Denominator | Target | Interpretation Guidance | Notes | Reporting Periods | | | |
|----------------------------|---|------------------|--------------------------------------|--|---|---|--|-------------|-----------|--|---|--------|-------------------------|--|-------------------|-----------------|-----------------|-----------------|
| | | | | | | | | | | | | | | | Q1 | Q2 | Q3 | Q4 |
| HBOT_02 | Domain 2: Enhancing quality of life for people with long term conditions | Clinical Outcome | Patient Quality of Life | Using EQ5D as the Quality of Life measure. | Improvement in Patient Quality of Life self-assessment (general) from prior to treatment to 3 months post treatment. (Using EQ5D as the Quality of Life measure). | Differential between EQ5D score 3 months post treatment and score prior to first treatment for elective patients. | Number of elective patients who have completed EQ5D questionnaires before and after treatment. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | | Higher is better | Include data regarding only those patients who have completed questionnaires both prior to first treatment and 3 months post treatment and have completed the post-treatment questionnaire in the reporting period. Differential = Total of Scores for these patients 3 months post treatment minus total of scores for these patients prior to first treatment. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_03 | Domain 3: Helping people to recover from episodes of ill health or following injury | Clinical Outcome | Asymptomatic following treatment | Measuring percentage of divers returning to pre-morbid functional state following treatment. | Percentage of divers returning to pre-morbid functional state following treatment. | Number of divers returning to pre-morbid functional state (occupation and activities of daily living) following treatment. | Total number of divers treated. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Data from Therapy database) | Provider Organisations to submit data to the SSQD web portal. (Data from Therapy database) | | Higher is better | Include data regarding only those divers who have completed treatment in the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_04 | Domain 4: Ensuring that people have a positive experience of care | Clinical Process | Referral time to treatment | Referral date to treatment. | Mean time lag from referral date to HBOT treatment date. | Total number of days from referral date to treatment. | Total number of patients who have started treatment. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Monitoring of referral and funding process) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | Include data regarding only those patients who required a decision on funding and have started treatment in the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_05 | Domain 4: Ensuring that people have a positive experience of care | Clinical Process | Funding decision to treatment | Request for funding to funding decision. | Mean time lag from request for funding to funding decision. | Total number of days from request for funding to funding decision. | Number of patients for whom a request for funding is required. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Monitoring of referral and funding process) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | Include data regarding only those patients for whom a funding decision has been made in the reporting period. NB Decision to treat to be recorded explicitly in patient notes held in the hyperbaric facility. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_06 | Domain 4: Ensuring that people have a positive experience of care | Clinical Outcome | Provision of information to patients | Quality of provision of information to patients. | Percentage of patients who reported that quality of information provided was adequate. | Number of patients who reported that quality of information provided was adequate. | Number of patients who returned a completed patient feedback form. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. | | Higher is better | Include data regarding only those patients who have provided information within the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_07 | Domain 4: Ensuring that people have a positive experience of care | Clinical Outcome | Patient feedback | To measure patients who reported that they felt safe and secure during treatment. | Percentage of patients who reported that they felt safe and secure during treatment. | Number of patients who reported that they felt safe and secure during treatment. | Number of patients who returned a completed patient feedback form. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. | | Higher is better | Include data regarding only those patients who have provided information within the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_08 | Domain 4: Ensuring that people have a positive experience of care | Clinical Outcome | Informed decision making | Informed decision making. | Percentage of patients who reported that information and support provided for decision making was adequate. | Number of patients who reported that information and support provided for decision making was adequate. | Number of patients who returned a completed patient feedback form. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | | Higher is better | Include data regarding only those patients who have provided information within the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_09 | Domain 4: Ensuring that people have a positive experience of care | Clinical Outcome | Human rights and diversity | Human rights and diversity. | Percentage of patients who reported that they felt their treatment and support was provided in a way that ensures their human rights and diversity are respected. | Number of patients who reported that they felt their treatment and support was provided in a way that ensures their human rights and diversity are respected. | Number of patients who returned a completed patient feedback form. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | | Higher is better | Include data regarding only those patients who have provided information within the reporting period. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_10 | Domain 4: Ensuring that people have a positive experience of care | Clinical Outcome | Human rights and diversity | Sequential patients completing a patient feedback form. | Percentage of patients who returned a completed patient feedback form. | Number of patients who returned a completed patient feedback form. | Total number of patients who have completed treatment. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | Provider Organisations to submit data to the SSQD web portal. (Patient feedback from Questionnaire) | | Higher is better | | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |

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| | | | | | | | | | | | | | | | Q1 | Q2 | Q3 | Q4 |
| HBOT_11 | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Clinical Outcome | Any adverse event thought by anyone in the team to be significant in the care of patients | Near misses and other significant events not covered elsewhere. | The percentage of exposures associated with adverse events thought by anyone in the team to be significant in the care of patients or the conduct of the hyperbaric unit, other than events covered by HBOT_12, 13, 14, 15. | Number of adverse events thought by anyone in the team to be significant in the care of patients or the conduct of the hyperbaric unit, other than events covered by HBOT_12, 13, 14, 15. | Total number of patient treatments. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Significant event records) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_12 | Domain 1: Preventing people from dying prematurely | Clinical Outcome | 30-day mortality | Indicator to measure mortality within 30 days of treatment. | Mortality within 30 days of treatment. | Number of deaths within 30 days of any episode of HBOT treatment. | Total number of patients treated. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Medical records/ notifications) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | No greater than expected for the same patient population had they not undergone hyperbaric oxygen therapy | Lower is better | | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_13 | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Clinical Outcome | Non-fatal illness and injury | Non-fatal illness and injury. This measures exposures associated with avoidable illness or injury attributable to HBO. | Percentage of exposures associated with avoidable illness or injury attributable to HBO. | Number of non-fatal illnesses and injuries attributable to attendance and not covered by HBOT_14 & HBOT_15. | Total number of patient treatments. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Significant event records/ medical records/ Supervisor's log) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | Include only new cases which have not been counted in previous reporting periods. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_14 | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Clinical Outcome | Refractive changes | Indicator to measure proportion of patients who develop refractive changes, as a result of treatment. | Percentage of patients who develop refractive changes as a result of treatment. | Number of patients with refractive changes resulting in a deterioration of visual acuity of at least one whole line on a Snellen chart. | Total number of patients treated. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Clinical records & database) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | Include only new cases which have not been counted in previous reporting periods. | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |
| HBOT_15 | Domain 5: Treating and caring for people in a safe environment and protecting them from avoidable harm | Clinical Outcome | Ear barotrauma | Typical complications of HBO should be recorded | Proportion of HBO typical complications recorded (discrete episodes of ear barotrauma worse than Grade 1 on the Teed scale). | Number of discrete episodes of ear barotrauma worse than Grade 1 on the Teed scale. | Total number of patient treatments. | Quarterly | Quarterly | Provider Organisations to submit data to the SSQD web portal. (Medical notes / database) | Provider Organisations to submit data to the SSQD web portal. (Clinical database/SUS CDS) | | Lower is better | Include all new episodes, including those in patients who have had previous episodes which have since resolved. NB: ICD 10 Code for otitic barotrauma is T70.0 | Apr 17 - Jun 17 | Jul 17 - Sep 17 | Oct 17 - Dec 17 | Jan 18 - Mar 18 |

Data collection has been approved by the Review of Central Returns - ROCR
ROCR/OR/2230/001MAND