

Hyperbaric Oxygen Metric Definitions 2021/22



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 EQSD 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 EQSD as the Quality of Life measure)	Differential between EQSD score 3 months post treatment and score prior to first treatment for elective patients	Number of elective patients who have completed EQSD questionnaires before and after treatment	Quarterly	Quarterly	Provider submitted data	Provider submitted data		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	Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
HBOT_03	Domain 3: Helping people to recover from episodes of ill health or	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 submitted data	Provider submitted data		Higher is better	Include data regarding only those divers who have completed treatment in the reporting period.	Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
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 submitted data	Provider submitted data		Lower is better	Include data regarding only those patients who required a decision on funding and have started treatment in the reporting period.	Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
HBOT_11	Domain 5: Treating and caring for people in a safe environment and protecting them from	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.	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	Total number of patient treatments	Quarterly	Quarterly	Provider submitted data	Provider submitted data		Lower is better		Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
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 submitted data	Provider submitted data	No greater than expected for the same patient population had they not undergone hyperbaric oxygen	Lower is better		Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
HBOT_13	Domain 5: Treating and caring for people in a safe environment and protecting them from	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 submitted data	Provider submitted data		Lower is better	Include only new cases which have not been counted in previous reporting periods.	Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
HBOT_14	Domain 5: Treating and caring for people in a safe environment and protecting them from	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 submitted data	Provider submitted data		Lower is better	Include only new cases which have not been counted in previous reporting periods.	Apr 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22
HBOT_15	Domain 5: Treating and caring for people in a safe environment and protecting them from	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 submitted data	Provider submitted data		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 21 - Jun 21	Jul 21 - Sep 21	Oct 21 - Dec 21	Jan 22 - Mar 22

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