

Outcome Measure for OSA: Improve Quality of Life

Measure Description	
Description	Proportion of patients aged 18 years and older diagnosed with obstructive sleep apnea (OSA) that showed any improvement in their quality of life (QoL) from baseline within one year of starting treatment.
Expression of Performance	<p>75% Expected Threshold</p> <p><i>Performance = $\frac{\# \text{ of patients meeting numerator criteria}}{\# \text{ of patients meeting denominator criteria} - \# \text{ of patients with valid exclusions}}$.</i></p>
Measure Components	
Denominator Statement	20% of patients (or minimally 20 patients/medical records) 18 years and older diagnosed with obstructive sleep apnea who were prescribed OSA treatment and completed a baseline validated QoL assessment instrument.
Exceptions	<p>Medical reasons: Patients diagnosed with a terminal or advanced disease with an expected lifespan of less than six months; Patients with an unstable or poorly controlled medical disease; Patients with severe psychiatric disorders (i.e. severe depression, schizophrenia)</p> <p>Patient reasons: Patients who change treatment modalities within one year of starting their initial treatment; Patients who do not return for a follow-up appointment within one year of initiating treatment; Patients who decline or are unable to complete the QoL assessment instrument; Patients who do not have an impaired QoL at baseline</p> <p>System reasons: None</p>
Numerator Statement	<p>Number of patients that showed any improvement in their QoL from baseline within one year of starting OSA treatment as measured by a validated QoL instrument*.</p> <p>*Acceptable validated QOL instruments include, but are not limited to, the following: Medical Outcomes Study SF36, Medical Outcomes Study SF12, Nottingham Health Profile, EuroQoL EQ-5D, Functional Outcomes of Sleep Questionnaire (FOSQ), Calgary Sleep Apnea Quality of Life Inventory (SAQLI)</p>

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Technical Specifications: Administrative/Claims Data	
Administrative claims data collection requires users to identify the eligible population (denominator) and numerator using codes recorded on claims or billing forms (electronic or paper). Users report a rate based on all patients in a given practice for whom data are available and who meet the eligible population/denominator criteria.	
Denominator (Eligible Population)	<p>Patient is 18 years of age or older.</p> <p>Accompanied by One of the following diagnosis codes indicating obstructive sleep apnea: 327.23 Obstructive sleep apnea (adult) (pediatric) 780.53 Hypersomnia with sleep apnea, unspecified</p> <p>Accompanied by One of the following patient encounter codes: 99201, 99202, 99203, 99204, 99205 (office/other outpatient services—new patient) 99212, 99213, 99214, 99215 (office/other outpatient services—established patient) 99241, 99242, 99243, 99244, 99245 (office consultations, non-Medicare only)</p> <p>Accompanied by Documentation that the patient was prescribed an OSA treatment.</p> <p>Accompanied by Documentation that a validated QoL assessment instrument was completed at baseline</p>
Exceptions	<p>At least one of the following is documented in the patient chart:</p> <ul style="list-style-type: none"> • Patient does not return for a follow-up appointment within one year of initiating treatment. • Patient declines or is unable to complete the QoL assessment instrument • Patient has changed treatment modalities within one year of starting their initial treatment • Patient does not have an impaired QoL at baseline • Patients diagnosed with a terminal or advanced disease with an expected lifespan of less than six months • Patients with an unstable or poorly controlled medical disease • Patients with severe psychiatric disorders (i.e. severe depression, schizophrenia)

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Numerator

Chart review indicates both of the following:

- Patient's quality of life score is measured using a validated scale* within one year of beginning treatment.
- Patient's quality of life score has improved as compared to baseline.

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