

CLINICIAN CHECKLIST FOR RESPIRATORY ASSIST DEVICES (RADS) - RESTRICTIVE THORACIC DISORDER

Policy References:

- [Local Coverage Determination \(LCD\) \(L33800\)](#)
- [Policy Article \(A52517\)](#)

Documentation References: [Standard Documentation Requirements Policy Article \(A55426\)](#)

The treating clinician must complete the following items:

Standard Written Order

Medical record documentation

For a Respiratory Assist Device (RAD) with or without a backup rate feature to be covered for restrictive thoracic disorder, the treating clinician must fully document in the beneficiary's medical record symptoms characteristic of sleep-associated hypoventilation, such as daytime hypersomnolence, excessive fatigue, morning headache, cognitive dysfunction, dyspnea, etc.

Medical Documentation

All of the following must be met:

Documentation in the beneficiary's medical record of a neuromuscular disease (for example, amyotrophic lateral sclerosis) or a severe thoracic cage abnormality (for example, post-thoracoplasty for TB)

One of the following:

Arterial blood gas PaCO₂, done while awake and breathing the beneficiary's prescribed FIO₂ is greater than or equal to 45 mm Hg, **or**

Sleep oximetry demonstrates oxygen saturation less than or equal to 88% for greater than or equal to five minutes of nocturnal recording time (minimum recording time of two hours), done while breathing the beneficiary's prescribed recommended FIO₂, **or**

For a neuromuscular disease (only), either:

Maximal inspiratory pressure is less than 60 cm H₂O, **or**

Forced vital capacity is less than 50% predicted

Chronic obstructive pulmonary disease does not contribute significantly to the beneficiary's pulmonary limitation.

Coverage After 90 Days

The treating clinician must document:

Beneficiary was re-evaluated on or after the 61st day of therapy; **and**

Progress of relevant symptoms; **and**

Beneficiary usage of the device; **and**

Signed and dated statement declaring that the beneficiary is compliantly using the device (an average of four hours per 24-hour period) and benefiting from its use.