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MESA SLEEP & BREATHING DISORDERS CENTER

1420 S. Dobson Rd, Mesa, AZ 85202

NAME: Brown, Kevin Douglas
DOB: 01/22/1958 (66 yrs M)
MRN: MSB-661298
MEDICARE ID: 1CD-58-661298
DATE OF SERVICE: 11/29/2024

HNS PRE-AUTHORIZATION REQUEST

CPT: 64568
ICD-10: G47.33
Requesting: Tejinder Singh, MD

CLINICAL PRESENTATION

66-year-old male with severe OSA diagnosed 2017. Excessive daytime sleepiness, witnessed apneas "hundreds of times per night" per wife. Has fallen asleep at stop lights multiple times. ESS: 20/24. *Very motivated for treatment!*

Prior conservative measures failed including weight loss (regained), positional therapy (ineffective).

POLYSOMNOGRAPHY (11/09/2024)

AHI:	48.2 events/hr	RDI:	55.7 events/hr
Lowest O2:	77%	Time <90%:	18.3%
Central Index:	3.1 (6.4%)	ODI:	44.8
Non-supine AHI:	29.8 events/hr	REM AHI:	72.4 events/hr

CPAP HISTORY

Trial #1: 2017-2019 (24 months) - Failed, avg <1 hr/night
Trial #2: 2020-2022 (18 months) - Intolerant, claustrophobia
Trial #3: 2023-2024 (10 months) - *anxiety/panic attacks*

Total attempted: 52 months
Multiple mask types, pressures, and humidification settings tried

DISE FINDINGS (11/25/2024)

Performed by: Dr. K. Jones, ENT

Velum: Severe AP collapse
Lateral walls: Moderate collapse
RETROPALATAL: COMPLETE CONCENTRIC COLLAPSE OBSERVED
Tongue base: Moderate collapse
Tonsils: Grade 2
Epiglottis: No collapse

Note: Complete retropalatal collapse - NOT ideal for HNS

PHYSICAL EXAMINATION

Height: 5'11" (180 cm)
Weight: 234 lbs (106 kg)
BMI: 32.6 kg/m²
Neck circumference: 18.5 inches
Mallampati: Class IV
Modified Friedman: Stage III

MEDICAL HISTORY

- Hypertension (on 3 medications)
- Type 2 DM (A1C 8.2%)
- CAD s/p stent 2021
- Hyperlipidemia
- Chronic sinusitis
- No prior airway surgery

MEDICATIONS

Metoprolol	50 mg BID
Lisinopril	20 mg daily
Amlodipine	10 mg daily
Metformin	1000 mg BID
Atorvastatin	80 mg daily
Aspirin	81 mg daily

PHYSICIAN ASSESSMENT

Patient has severe OSA with documented CPAP intolerance. However, DISE reveals complete concentric retropalatal collapse, which is a contraindication for HNS therapy.

Plan:

1. Cannot recommend HNS due to unfavorable anatomy
2. Consider alternative surgical options:
 - UPPP (uvulopalatopharyngoplasty)
 - MMA (maxillomandibular advancement)
3. Referral to bariatric surgery for weight optimization
4. Retry CPAP with cognitive behavioral therapy
5. Consider ASV or oxygen therapy as bridge

T. Singh, MD
11/29/2024