

NEUROLOGICAL CARE CENTER - DIAGNOSTIC REPORT

456 Neuro Way, Science District, SD 12345

PATIENT INFORMATION

Name: Michael Henderson Age: 68 Gender: Male

Date: 2026-01-28 Report ID: NC-44512

PHYSICAL & VOCAL PARAMETERS

Blood Pressure: 128/84 mm Hg

BMI: 24.2 kg/m²

Quantitative Voice Analysis:

- MDVP:Jitter(%): 0.00842
- MDVP:Shimmer: 0.0561
- Harmonic-to-Noise Ratio (HNR): 18.45 dB
- Spread1: -4.812
- PPE: 0.284

CLINICAL OBSERVATIONS

Patient exhibits mild resting tremors in the right hand and bradykinesia (slowed movement). Unified Parkinson's Disease Rating Scale (UPDRS) assessment indicates progression. Vocal analysis shows increased jitter and shimmer with a reduced harmonic-to-noise ratio, consistent with vocal fold dysphonia often associated with early to mid-stage Parkinson's disease.

Electronically signed by Dr. David Miller, Neurologist