

Table 1: Recorded reason for initial referral and voice outcome measures at initial voice outpatient clinic.

Abbreviations: * Grade, Roughness, Breathiness, Astenicity, Strain [12]; ** The Voice Handicap Index (VHI) [13]; ***Vocal Tract Discomfort Scale [14]

| Patient | Reason for referral | Days from SLT/ENT screen to initial voice outpatient clinic appointment | GRBAS* | VHI** | VTDS Measures*** | Intervention Type |
|---------|---|---|--|---|---|--|
| 1 | "Breathy, asthenic voice quality ranging from mild dysphonia to some periods of complete aphonia" | 45 | G2 R1-2 B1-2 A2 S1 | 20/120 | Mild consistent dryness, mild occasional tightness and aching | Medication Voice therapy |
| 2 | "Moderate-severe dysphonia" | 66 | G1 R0-1 B1 A1 S0 diplophonia in upper pitch range | 67/120 | Occasional dryness | Injection medialisation Voice therapy |
| 3 | "Hoarse voice" | 17 | G1-2 R1-2 B1-2 A1 S1-2 | ∅ Incomplete as difficulties being heard via remote clinic | Previous Soreness. | Voice therapy |
| 4 | "Dysphonia" | 10 | G1-2 R0 B1 A1-2 S0 | 55/120 | Frequent tickling and irritability in the larynx. | Voice therapy |
| 5 | "Altered voice that has persisted" | 17 | NAD | 7/20 WNL | NAD | Prednisolone treatment in acute phase Voice care advice and discharge |
| 6 | "++quiet. Hoarse, harsh quality" | 37 | G0-1 R0-1 B0-1 A0 S0-1 | ∅ Not completed as via remote clinic | ∅ Not completed as via remote clinic | Voice care advice |

| | | | | | | |
|---|--------------------|----|------------------------|---|---|---------------------------------|
| 7 | "Aphonia" | 72 | G0-1 R0-1 B0-1 A0-1 S0 | 7/20 WNL | Frequent mild tickling | Voice care advice and discharge |
| 8 | "Severe dysphonia" | 31 | G0 R0 B0 A1 S0 | 48/120 <i>Results impacted by co-existing features of social communication disorder.</i> | Tightness, aching, soreness, a lump in the throat and dryness | Discharge no follow up |

Table 2. Dysphagia presentation and outcome.

| Patient | FOIS at initial assessment (appendix 1) | FOIS 3 months post assessment | Instrumental assessment | Key findings from instrumental ax | Hypothesised cause of dysphagia |
|---------|---|-------------------------------|--|---|---------------------------------|
| 1 | 1 | 6 | Videofluoroscopy swallow study | Reduced soft palate elevation leading to escape of contrast to the nasal cavity. Partial epiglottic inversion. Diminished pharyngeal stripping wave and reduced base of tongue retraction. Reduced duration of pharyngoesophageal opening leading to partial obstruction of the bolus through the PES. Collection of residue within the pharyngeal structures. Aspiration of pharyngeal residue. | Cranial neuropathy |
| 2 | 1 | 6 | Fibreoptic endoscopic evaluation of swallowing | Base of tongue candida and diffuse inflammation throughout the pharynx. | Myopathy |

| | | | | | |
|----------|---|---|--------------------------------|---|-------------------------------------|
| | | | | Swallow initiation prompt with good vestibular closure and epiglottic inversion. Images indicate mild left sided weakness. Vallecular residue was observed with assessment duration. | |
| 3 | 2 | 7 | No | N/A | Myopathy (myopathic changes on EMG) |
| 4 | 5 | 7 | Videofluoroscopy swallow study | Swallow initiation at the level of the pyriform sinus. Partial approximation of arytenoids to epiglottic petiole. Incomplete laryngeal vestibule closure. Persistent Laryngeal penetration. | Iatrogenic laryngeal nerve injury |