The new EE-1580K Multipurpose Video ENT scope - performance and precision as you would expect from PENTAX.
Extraordinary clarity of image and ability to perform biopsies under local anesthetic.

New diagnostic and therapeutic technique using the PENTAX EE-1580K Digital High Resolution Video Oesophagoscope for the immediate examination and treatment of the upper aero digestive tract, including the larynx and pharynx under LA. It is safe and well tolerated by patients, causing little discomfort and compares favourably with other endoscopic techniques and significantly improves diagnostic and biopsy precision in Post Nasal space, Larynx, Pharynx, Upper Trachea and Oesophagus.

Diagnostic Flexible Laryngo Oesophagoscopy (TNFLO)

- **Diagnosis and indications**
  - Hoarse voice, persistent sore throat, dysphagia, globus, examination of nasal cavity/post nasal space and head and neck cancer surveillance.
  - Insertion of speaking valves, vocal cord medialisation procedures, removal of food bolus obstruction and endo-laryngeal laser surgery.

- **Therapeutic indications**
  - Comprehensive ENT examination from nasal cavity to Gastro/Oesophageal junction.
  - Fast and accurate diagnosis and therapy.
  - Digital High Resolution imaging increasing diagnostic yield and biopsy precision in Out Patient setting.
  - Avoids GA endoscopy in patients with high comorbidity.

Patient benefits
- Reduction in patient risk from GA – performed under local anaesthetic.
- Reduction in time to diagnosis and treatment.
- Better for patients – Comprehensive ENT Out Patient examination in less time with reduction in patient anxiety.

Trust benefit
- A critical element in achieving the 31/62 cancer targets by permitting immediate biopsy of the larynx and pharynx, under local anaesthesia, in an Out Patient setting.
- Reduction in waiting times.
- Reduction in costs – 80–90% reduction in need for Barium Swallows and GA endoscopies.
- Reduction in follow up appointments.

Extraordinary clarity of image and ability to perform biopsies under local anesthetic.

**Diagnostic/therapeutic Video ENT Scope**

<table>
<thead>
<tr>
<th>Type</th>
<th>EE-1580K</th>
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</thead>
<tbody>
<tr>
<td>Angle of view (°)</td>
<td>140</td>
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<tr>
<td>Insertion tube diameter (mm)</td>
<td>5.1</td>
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<tr>
<td>Instrument channel diameter (mm)</td>
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<tr>
<td>Tip deflection (°) up/down</td>
<td>210/120</td>
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<tr>
<td>Working length (mm)</td>
<td>600</td>
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</tbody>
</table>

**Superb Digital Imaging & Image Processing**
- PENTAX FVT (Full Vision Technology) delivers large format images with superior colour reproduction for effective mucosa evaluations.
- Fully digital system: combination of PENTAX DSP Technology (Digital Signal Processing), high resolution Colour CCD Chips and the latest digital video processors.

**PENTAX Quality & Service Programme**
- The PENTAX brand continues to be recognised for delivering cost effective products of exceptional quality and durability.
- Industry leading service plans, consultancy, financing, technical service and training.