



The Three Houses in Great Ormond Street after they had been Adapted for the first London Homoeopathic Hospital in Great Ormond Street, Opened to Patients on May 12, 1859.

Great Ormond Street Hospital



The changing role
of the LASER in paediatric ENT

Dave Albert

www.albert.uk.com

CO₂ laser in the larynx

Papillomatosis

Subglottic haemangioma

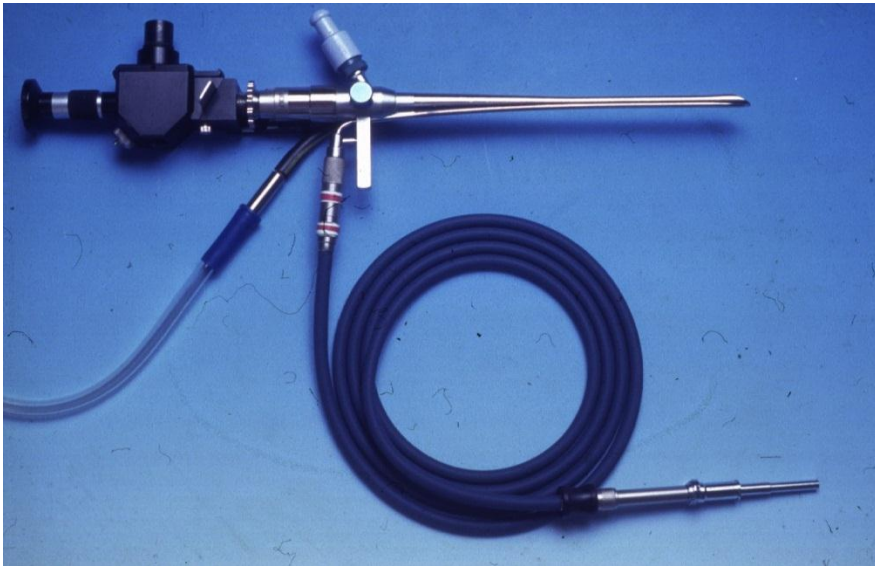
Arytenoidectomy

Stenosis

Webs



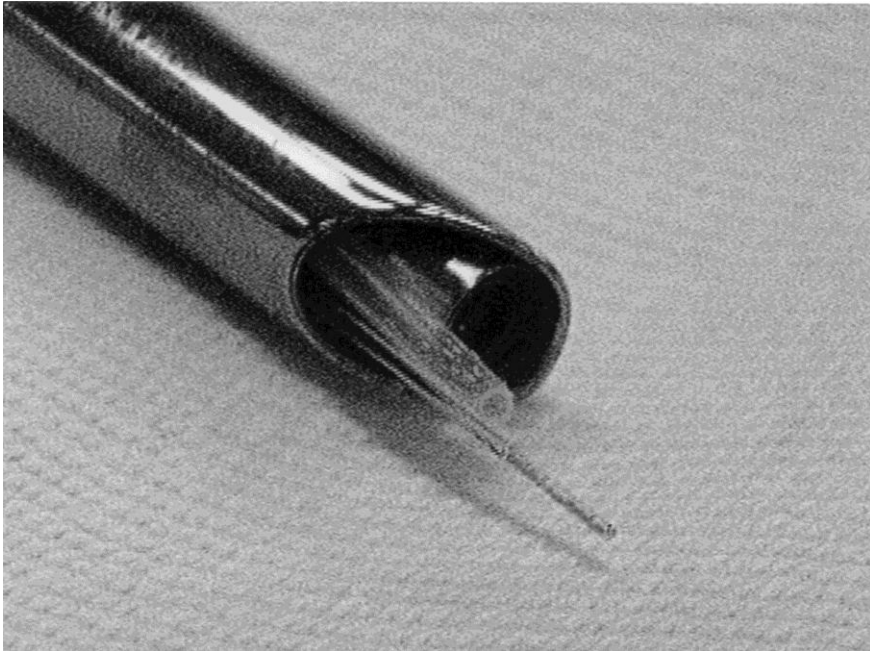
CO₂ bronchoscope mid 80's



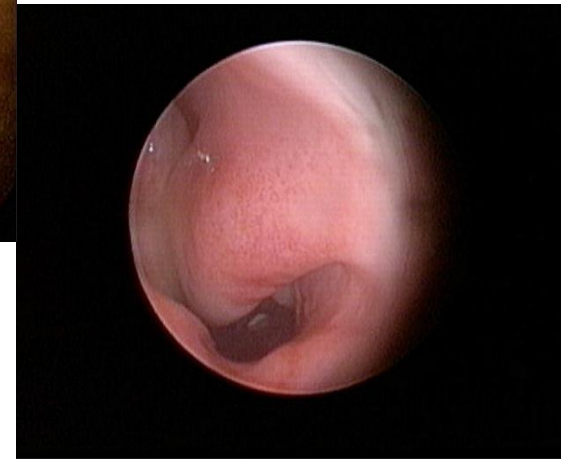
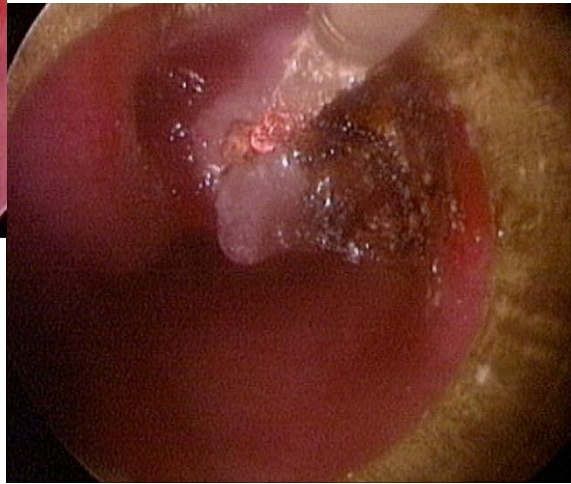
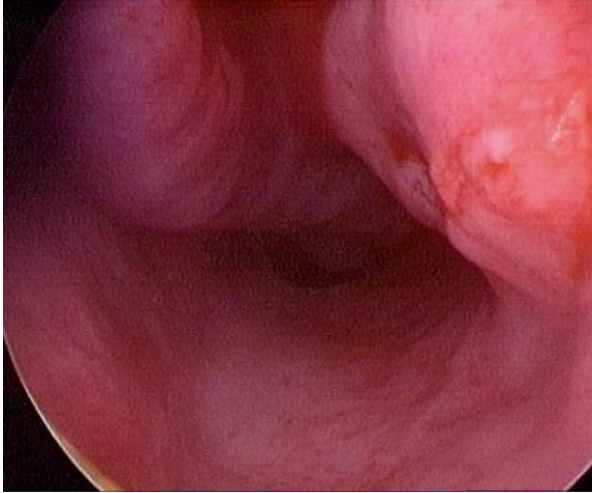
Endoscope.mpg

KTP laser via a bronchoscope

- early 90's

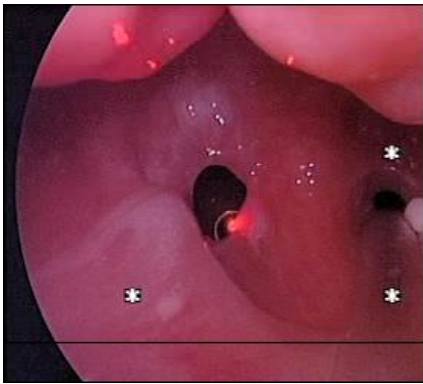


KTP in the nose

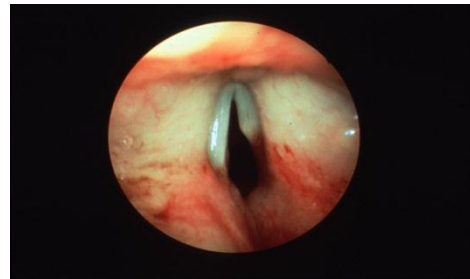


Current Indications

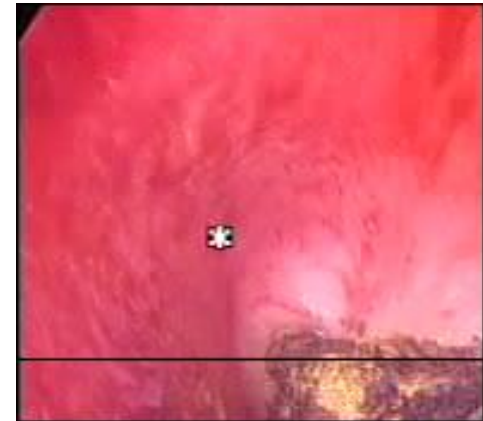
Nasal



Laryngeal

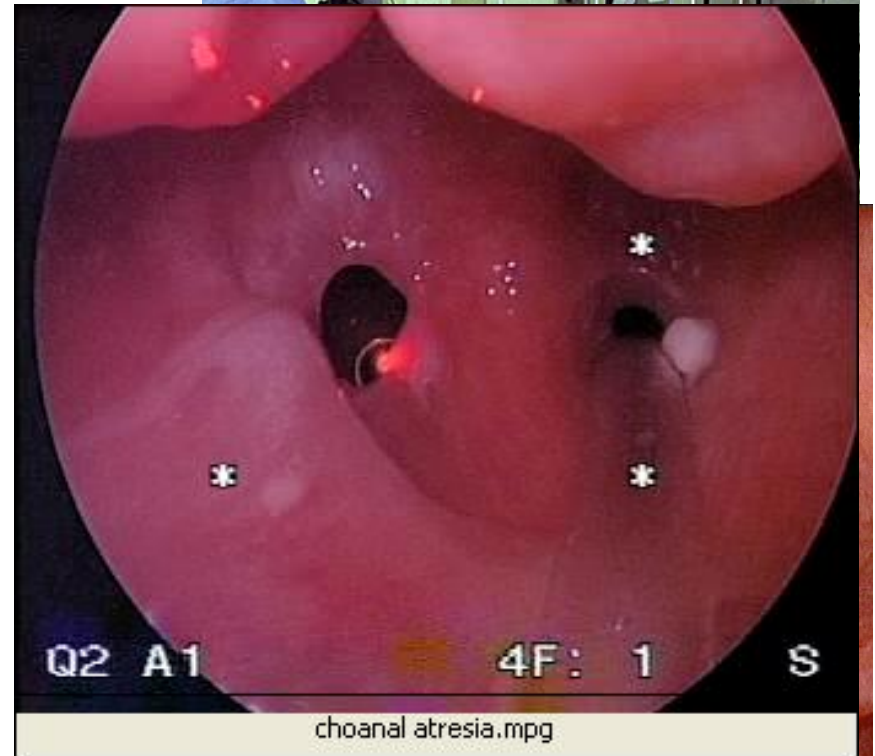


Tracheobronchial



Nasal

- Choanal atresia



Mitomycin C

Naso/oropharyngeal

Adenoids-NO



Tonsils-NO



*Intra capsular
tonsillectomy*

Laryngeal-supraglottic

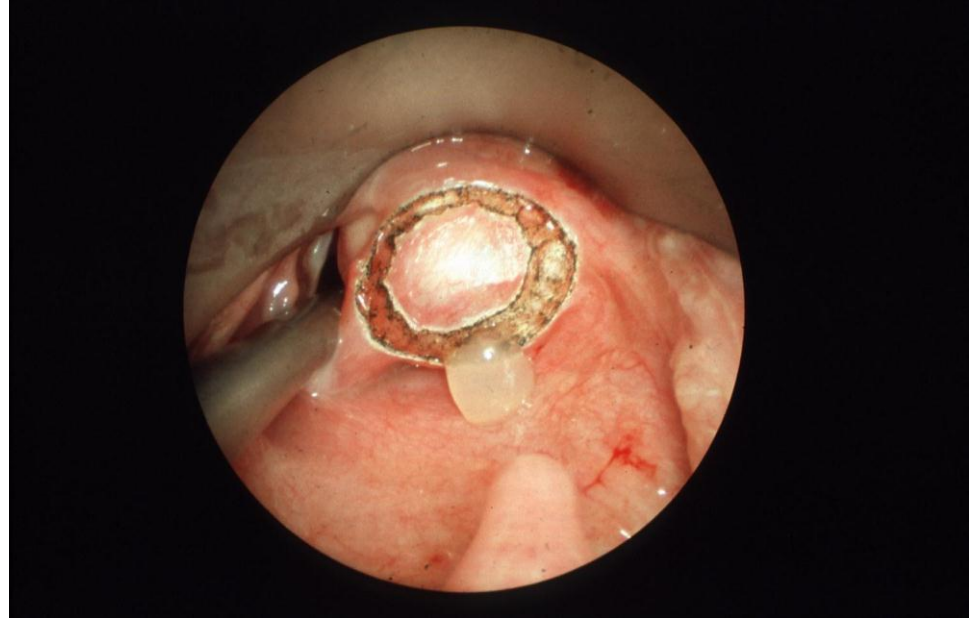
- Aryepiglottoplasty

- cold steel
- mucosal excision
- or snip



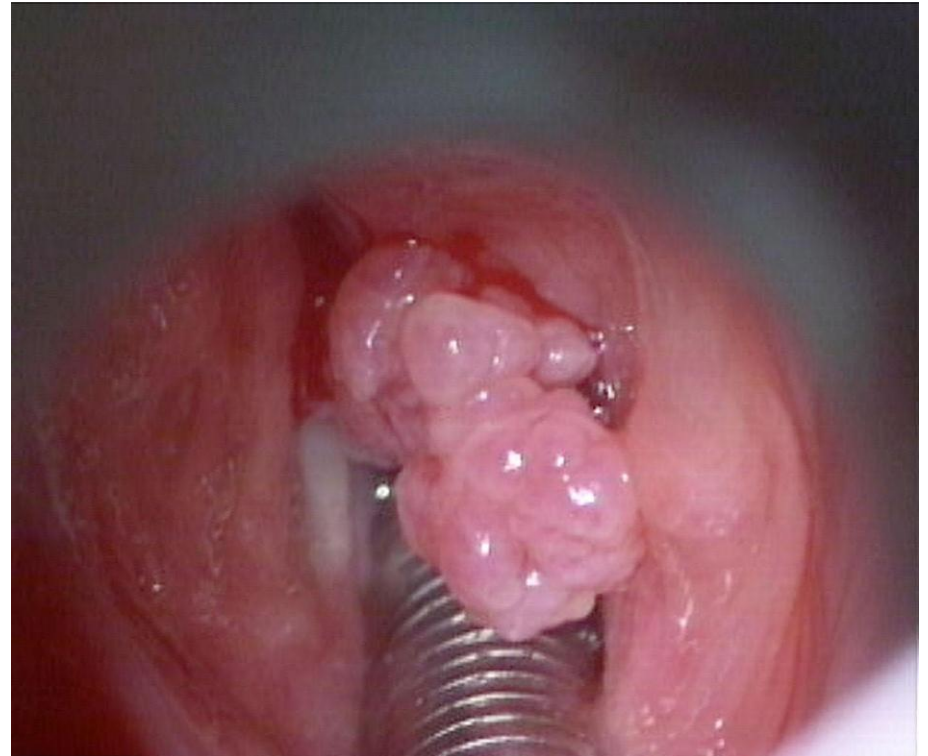
Laryngeal-supraglottic

- Cysts



Laryngeal-glottic

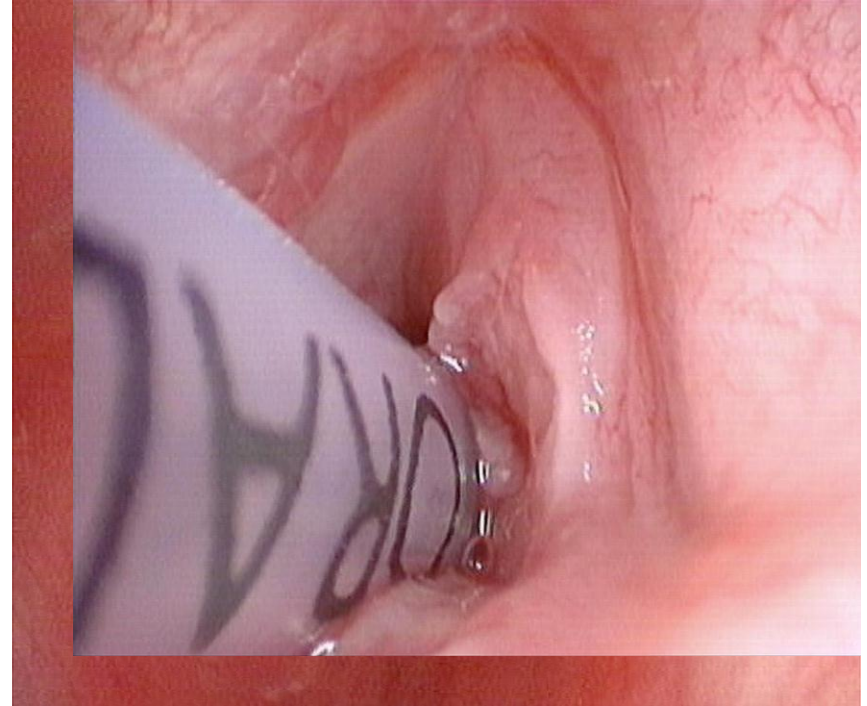
- Papillomatosis
- AVOID THE LASER PLEASE!!!



*Cidofovir and
microdebrider*

Laryngeal-glottic

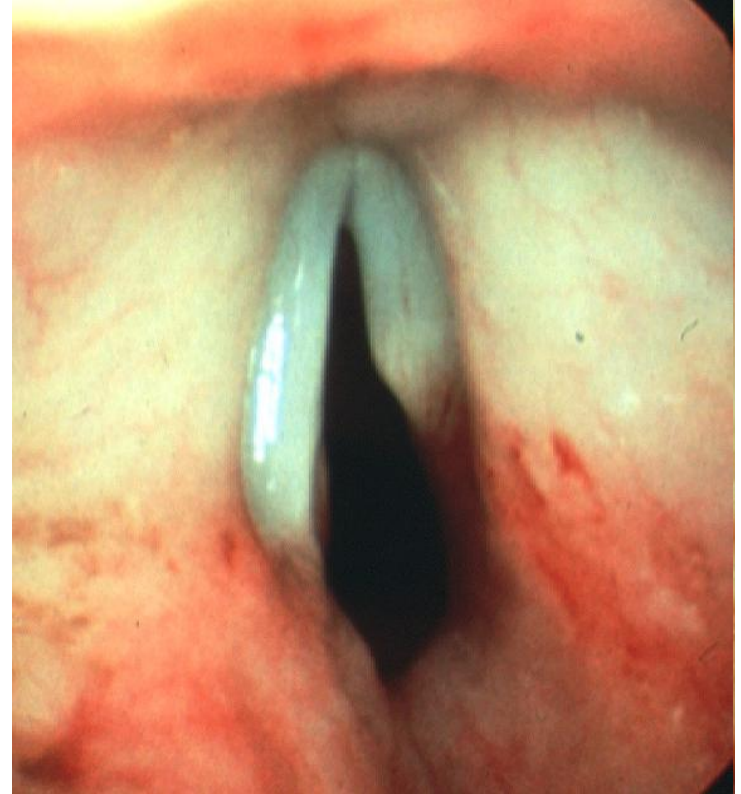
- Intubation granulations



*Sharp dissection
laryngeal rest*

Laryngeal-glottic

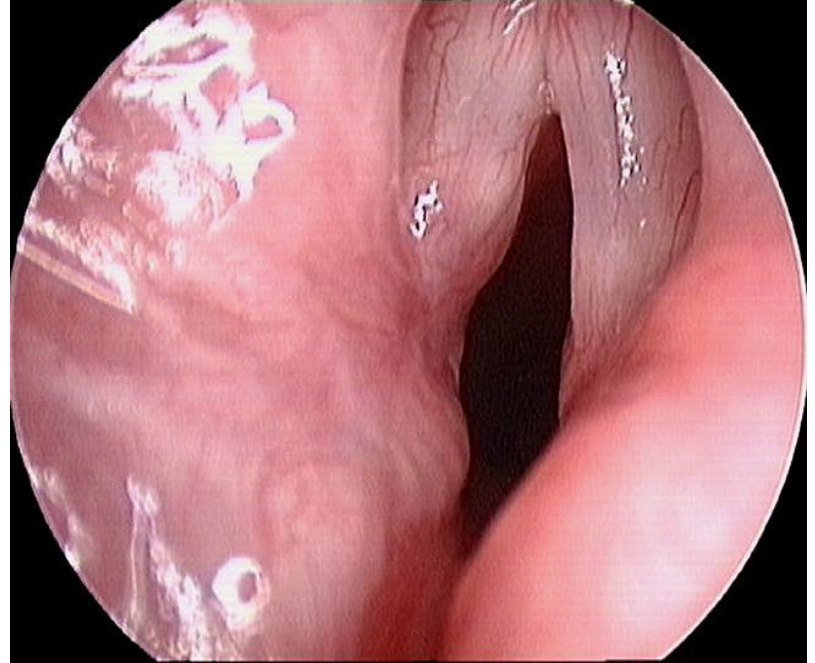
Arytenoidectomy



*Or sharp dissection and
balloon dilatation*

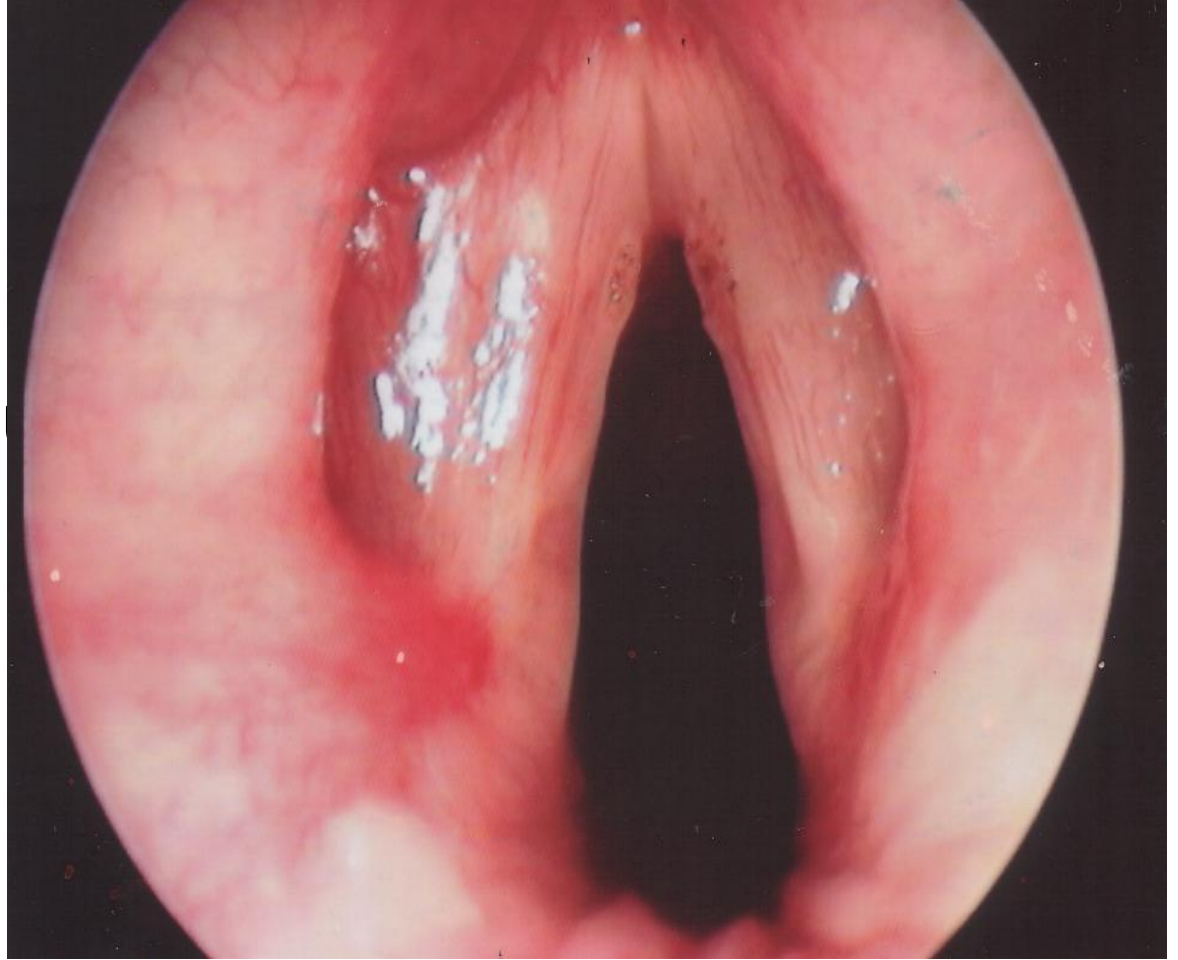
Laryngeal-glottic

- Cordotomy

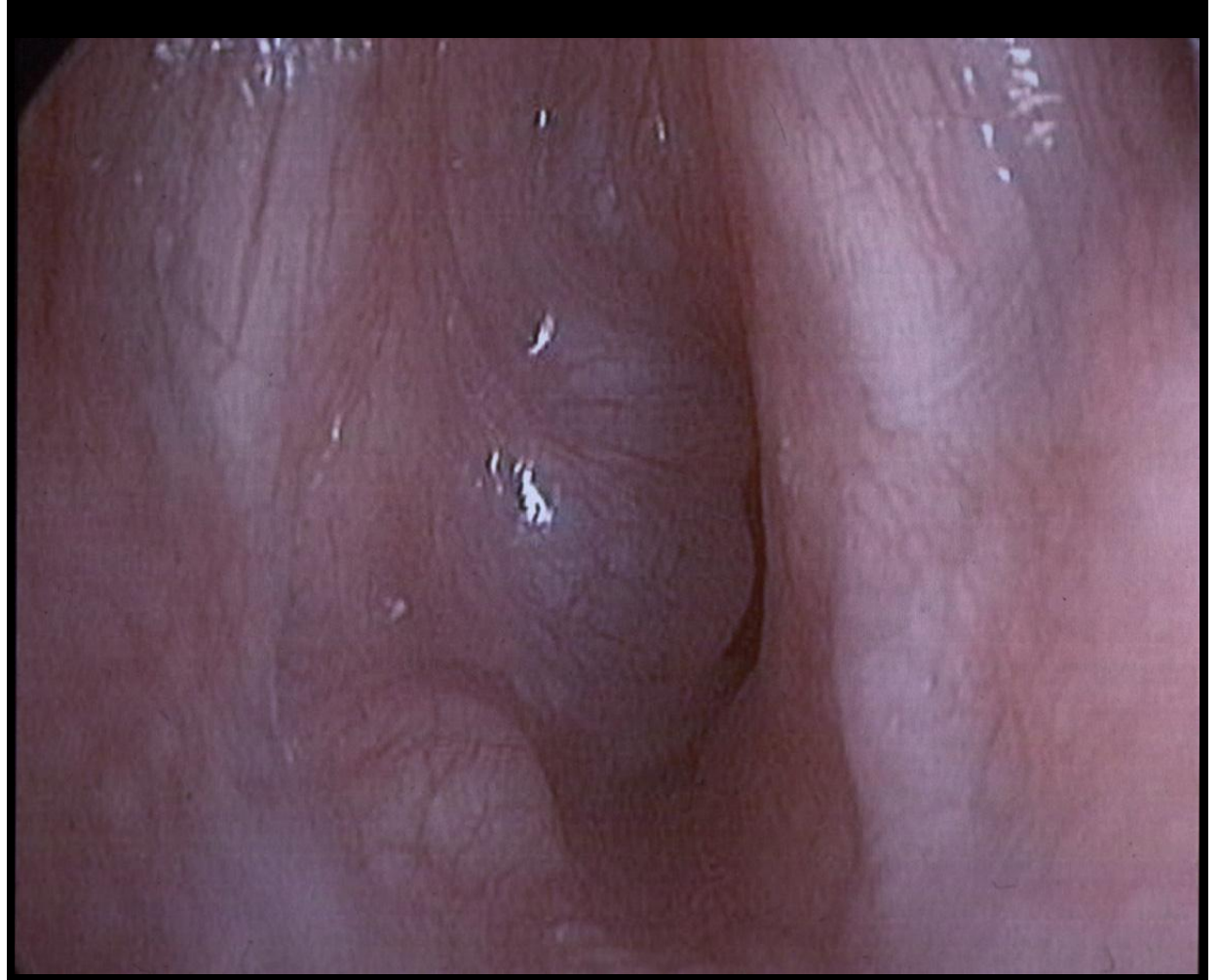


Laryngeal-glottic

- Vocal cord nodules

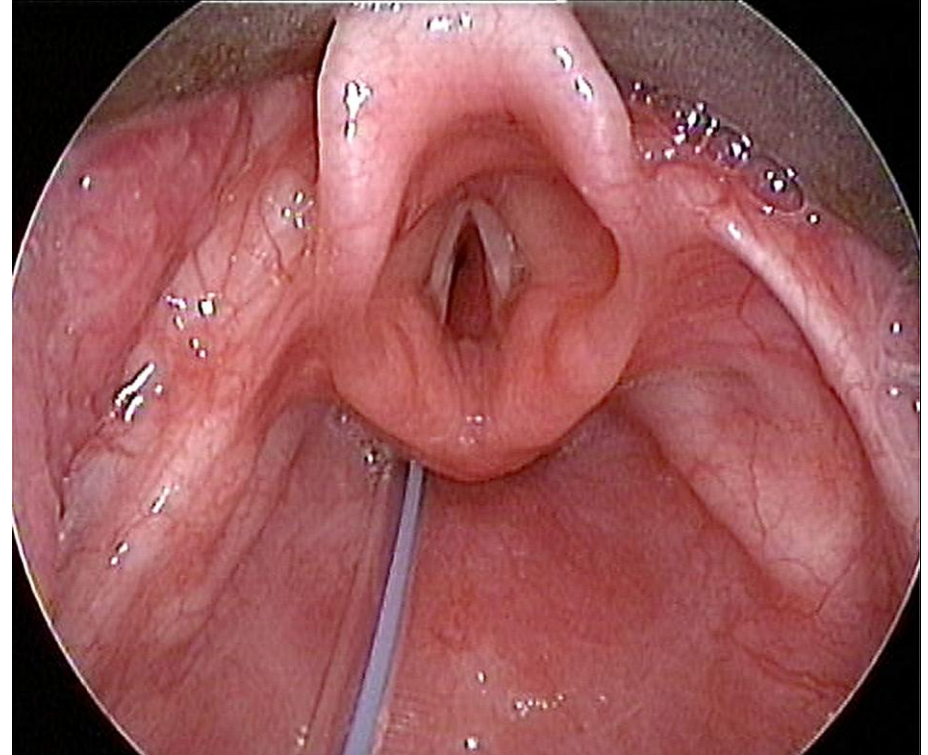


Laryngeal-subglottic - cysts



Laryngeal-subglottic

- Haemangioma



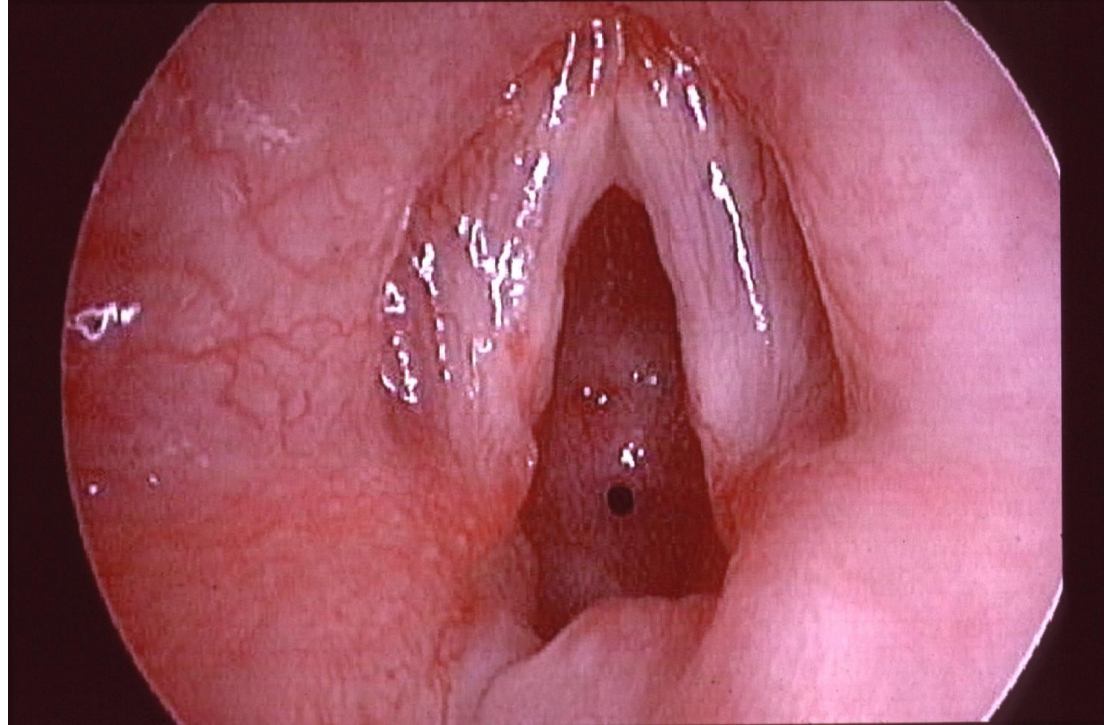
intralesional steroids

primary excision

microdebrider

Laryngeal-subglottic

- Stenosis

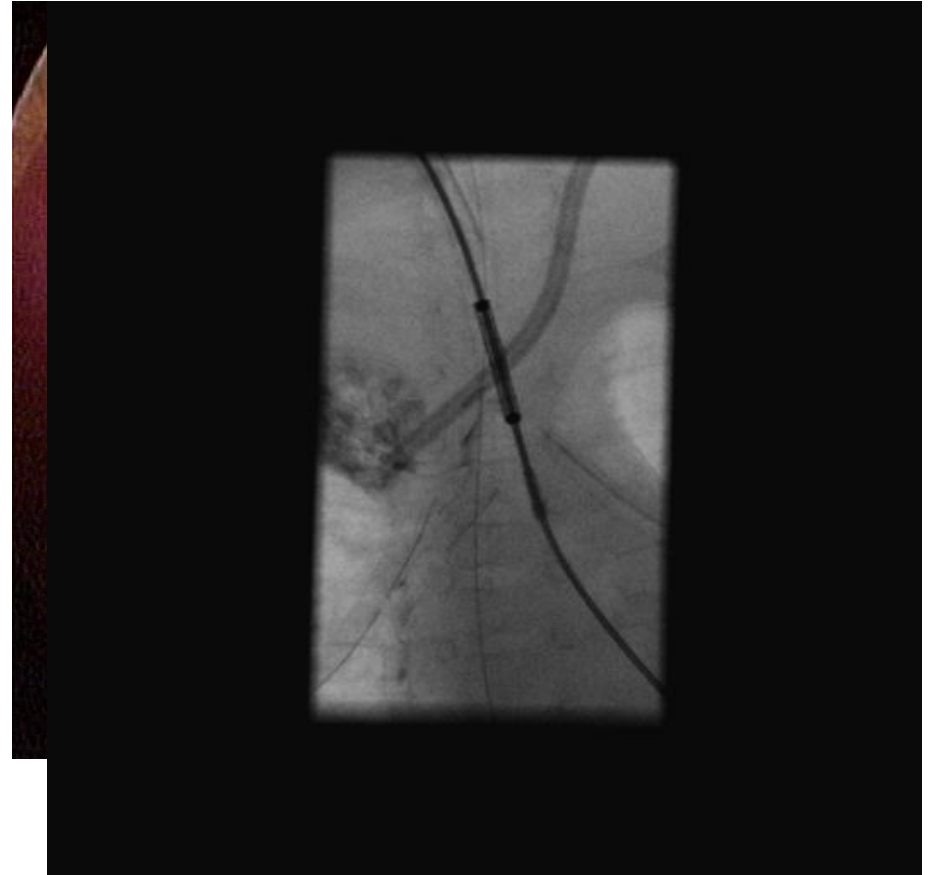


*Single
stage/mitomycin*

Tracheobronchial - granulations

- Suprastomal
- Granulations from tracheal stents

Balloon dilatation



Tracheobronchial

- papillomatosis



*Cidofovir injections
if widespread*

Cautionary Tale



I said "pass the laser, nurse".
Had I wanted you to switch on
the laser, I would have said
"switch on the laser, nurse."



That's All Folks

KTP Laser

KTP Laser.mpg

