

# CONTACT VIDEOENDOSCOPY IN THE DIAGNOSIS OF BENIGN LARYNGEAL PATOLOGY

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## Introduction

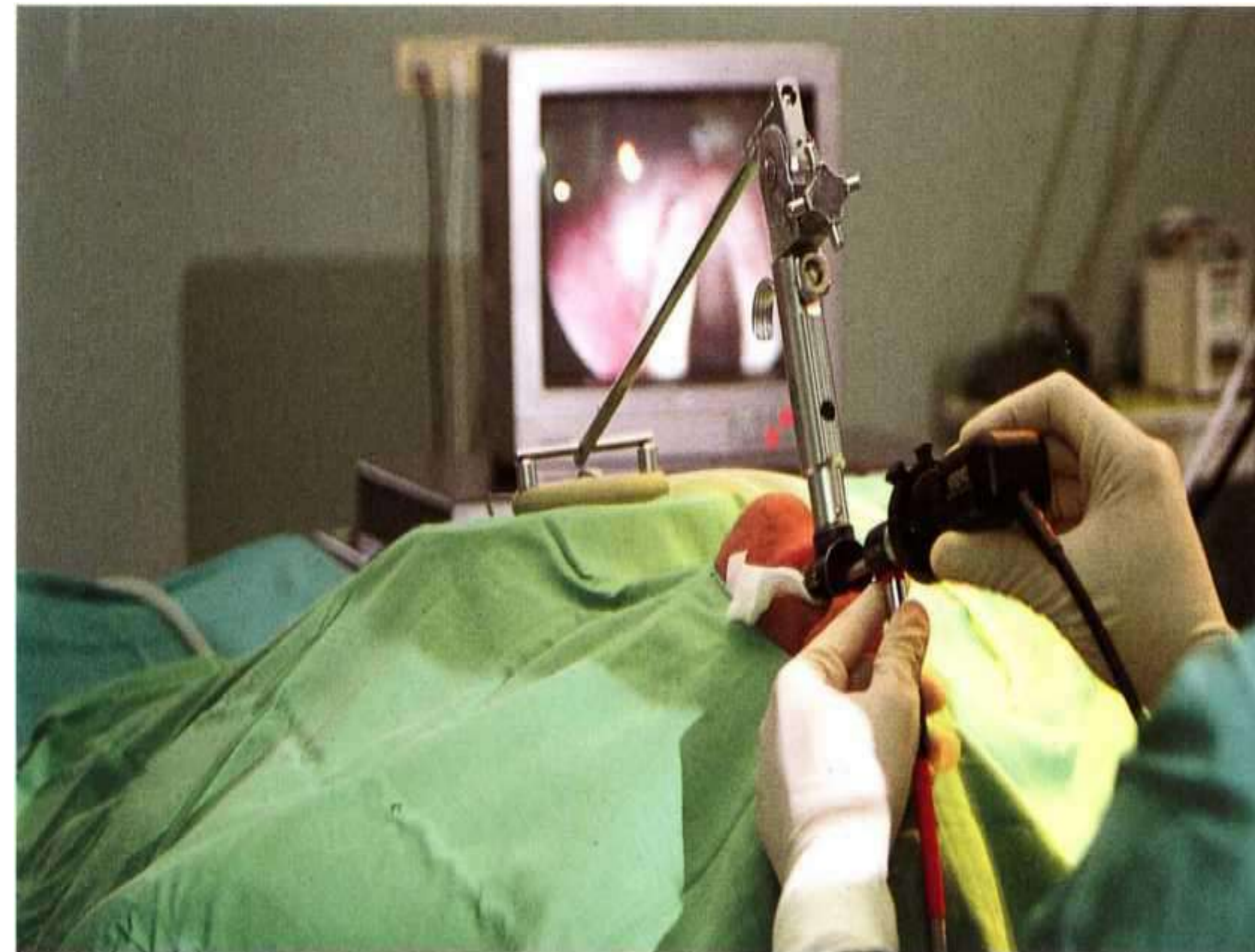
Contact videoendoscopy is an optical,  
non-invasive method capable of  
providing real-time enlarged images of  
cell architecture in vivo and in situ of the  
superficial layers of the laryngeal  
mucosal epithelium comparable to  
histology without the need for biopsy.

**Keywords** laryngoscope, the larynx

**Purpose:** To emphasize their importance,  
usefulness and informativeness as a  
diagnosis of vocal cord injuries.

## Material and methods:

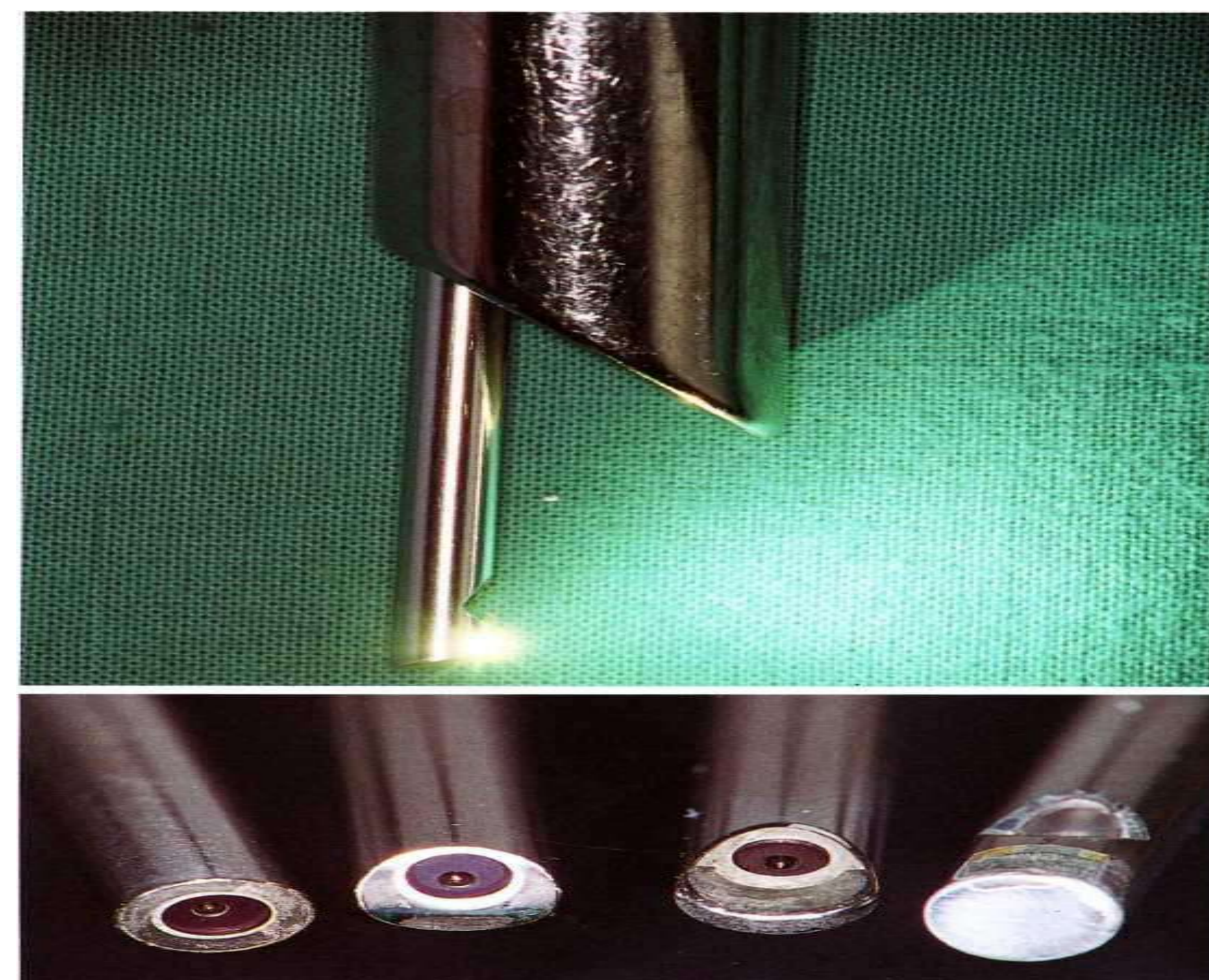
Study material-rigid endoscopes with  
different viewing angles .The basic  
technique is to stain the superficial cells of  
the laryngeal mucosa with a 1% methylene  
blue, after which it is placed in contact  
with the mucosal surface , rod-endoscope  
through the laryngoscope being introduced  
the contact endoscope with the recording  
and documentation of cytological images.



## Results

*The purpose of these technologies is:*

- ❖ to provide valuable information for practitioners and patients,
- ❖ allowing images to be recorded on videos or other media formats,
- ❖ allowing examiners to review frame-by-frame images,
- ❖ capture still and close images,
- ❖ and re-examine images with care team members.



## Conclusions

This is a method that allows us to:

- examine the difficult areas of the larynx,
- increasing the possibilities of evaluating premalignant or malignant laryngeal lesions,
- having a primary diagnostic value
- and an important role in the subsequent dispensary of patients.