

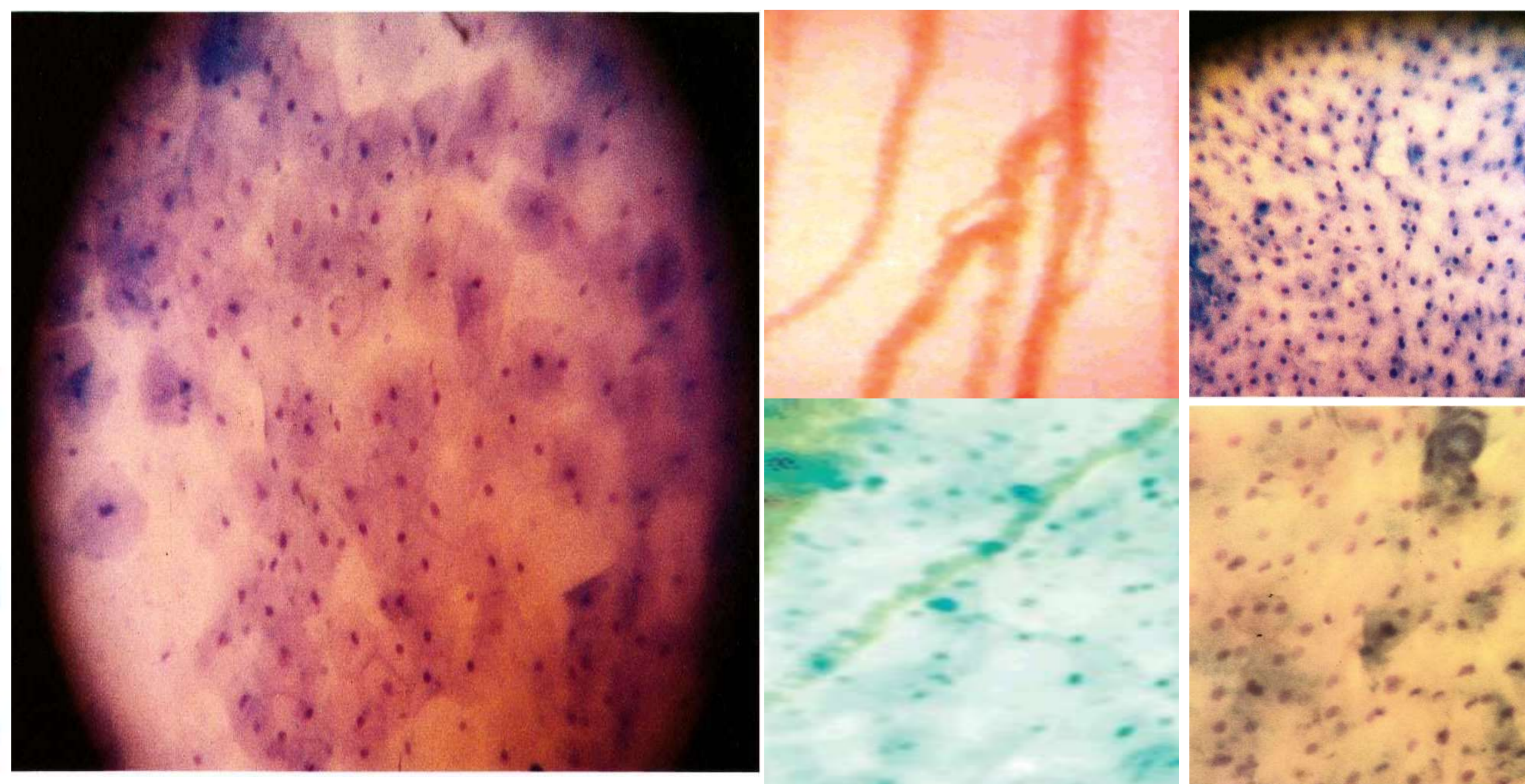
CONTACT VIDEOENDOSCOPY IN THE DIAGNOSIS OF BENIGN LARYNGEAL PATOLOGY

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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

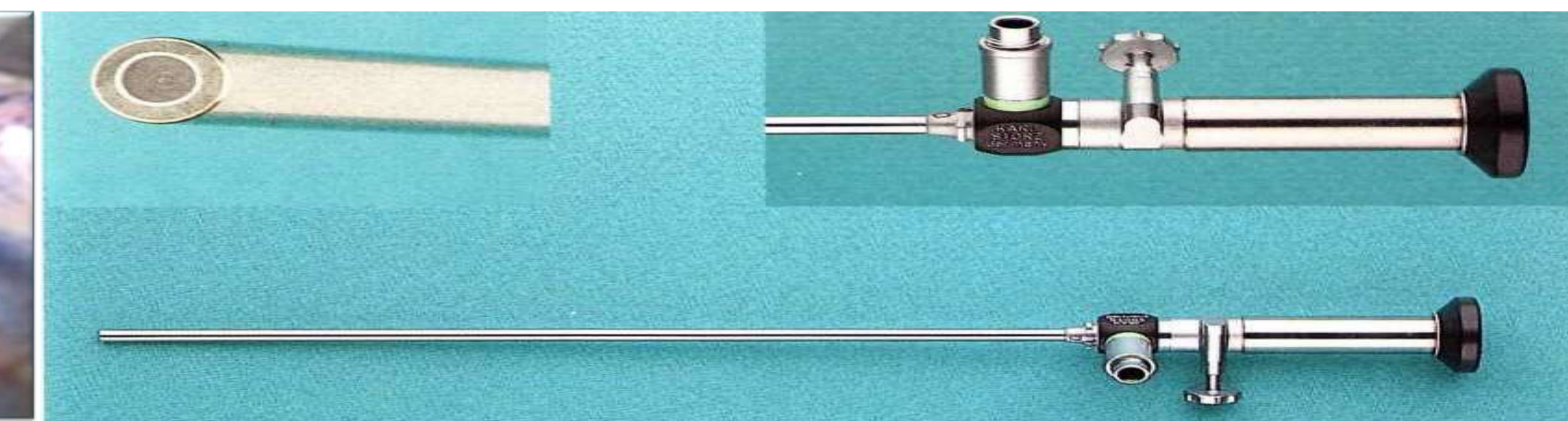
Purpose

To emphasize their importance, usefulness and informativeness as a diagnosis of vocal cord injury.



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 patient;
- ❖ 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