



# DIAGNOSTIC DE CANCER DES CORDES VOCALES PAR FROTTIS : MICROCHIRURGIE LASER

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**DIAGNOSTIC DE CANCER DES CORDES VOCALES PAR FROTTIS : MICROCHIRURGIE LASER**

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*Diagnoses of carcinom of the vocal cord is usually done by biopsy ; actually we have developped an original me'rod : smear by vidéofiberscopy. The cyto-analysis is always compared with the tissue analysis. The technic consists to introduce the fiberscope by the nose from the cavum to the larynx, then the brush the vocal cords. When carcinom is detected we do on T1 (on the middle third of the vocal cord which is mobile) a laser cordectomy. The Dynamic Vocal Exploration has found that the free edge of vacal cord does not vibrate and precised the stage of the carcinom.*

*The technic of laser surgery on larynx by endoscopy is limited by its very make up. Laser is a beam, it acts by a direct shooting, it can only remove tumor that we surrounded in veuving it.*

*We do operate by microsurgery, laryngoscope in place, a green gaz is located under the glottic space to protect the trachea for the laser impact ; the patient is curarized.*

*We remove just the first the false vocal cord to see the upper face of the pathological vocal cord. Then we remove from front to back the vocal cord with the voeal ligament. We canterised the any tenoid arteries. The power is of 10 Watts with 1/10 second. Heabing is observed after 5 days. Voice will recover after 5 to 7 weeks.*

*After 5 years we have very good results and we avoid the thyroïdotomy the fact that we don't open the cartilage allowed us to hope having better results on voice and less recurrences that the classical technic.*