

## PARTICULARITIES IN THE DIAGNOSTIC AND THE TREATMENT OF HYPERTROPHY OF ADENOID VEGETATIONS

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### Introduction

Hypertrophy of adenoid vegetations is one of the most common nosological entities globally. Incidence - 42% to 70%, affecting the children aged 0-6 years.

### Keywords

Adenoid vegetations, children, diagnostic, treatment.

### Purpose

Study the methods of diagnostic and surgical treatment used in the hypertrophy of adenoid vegetations.

### Material and methods

1. Retrospective study - 30 patients selected within the IMSP Clinic "Emilian Coțaga": April 2019-April 2020.
2. Diagnostic methods: conventional radiography, acoustic rhinometry, rhinomanometry, optical endoscopy, fibrorinoscopy.
3. Surgical treatment: classical adenotomy, ablation by laser and microdebrider, under endoscopic control.



Fig. 1. Fiberscope



Fig. 2. Optical endoscopy



Fig. 3. Acoustic rhinometry



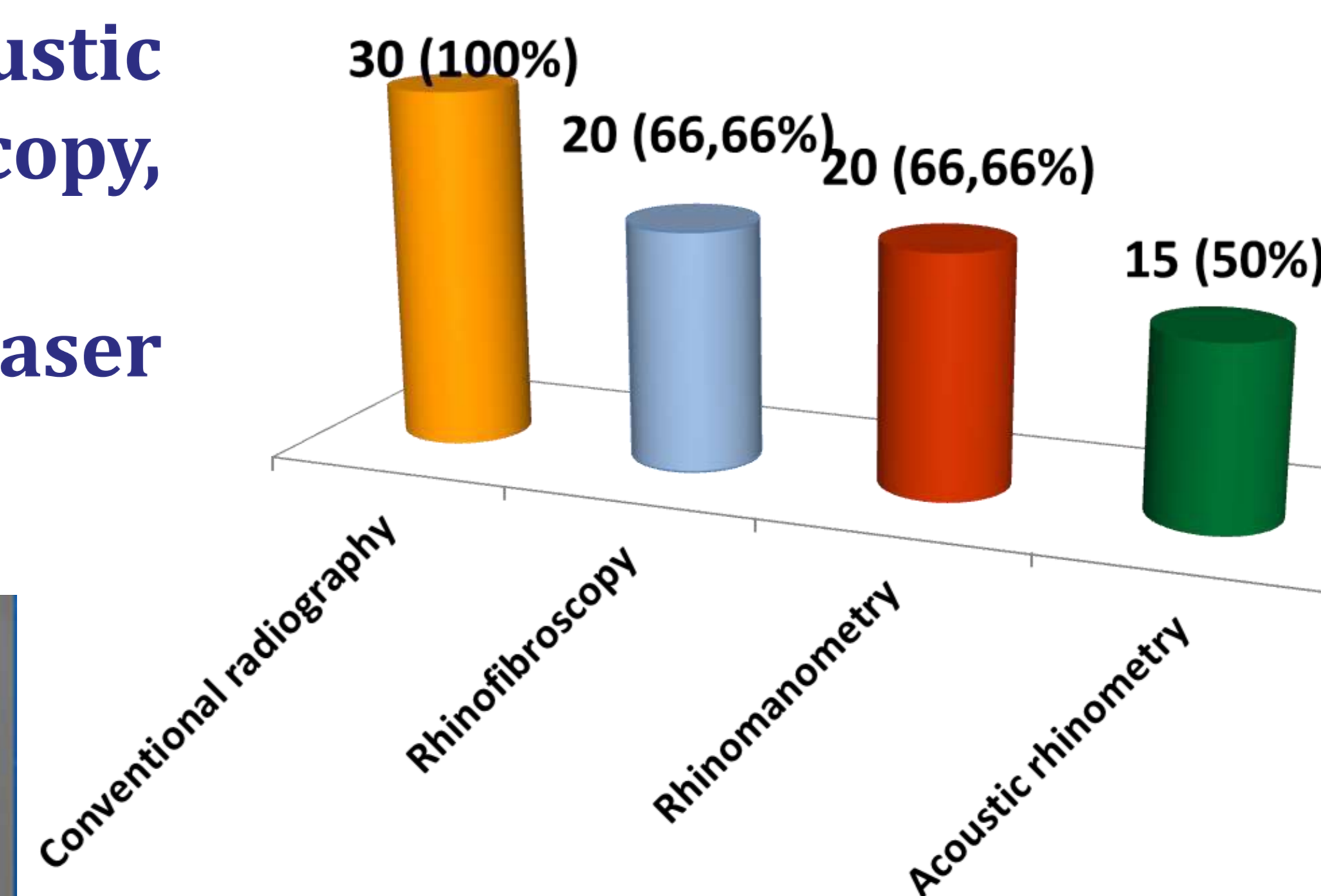
Fig. 4. Rhinomanometry



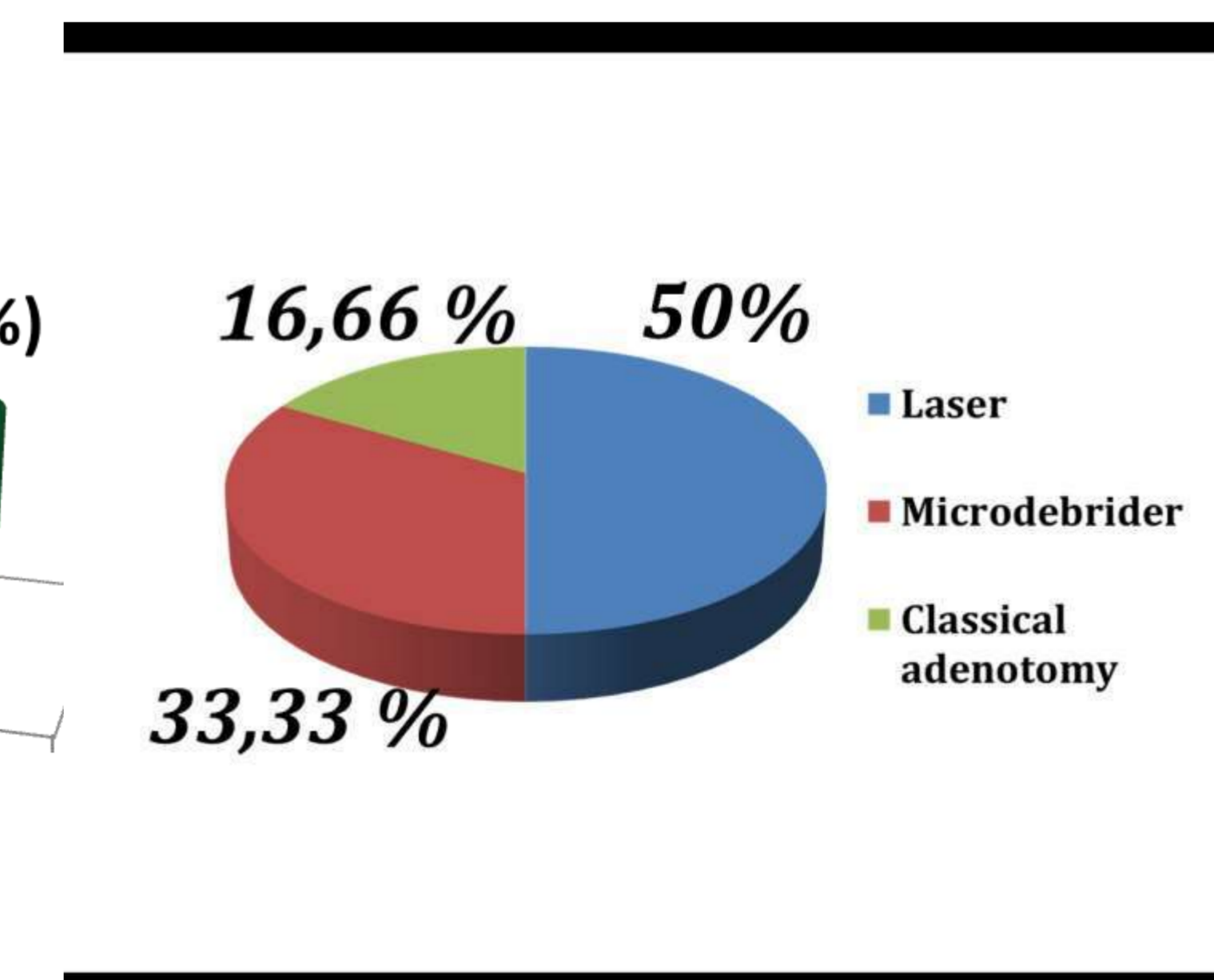
Fig. 5. Adenoid vegetations

### Results

1. Conventional radiography - 30 patients (100%) before hospitalization.
2. In the hospital, rhinofibroscopy - 20 p. (66.66%), rhinomanometry - 20 p. (66.66%), acoustic rhinometry - 15 p. (50.00%).
3. Better results - the laser - 15 p. (50%) and the microdebrider - 10 p. (33.33%) , compared to the classical adenotomy - 5 p. (16.66%).



D. 1. Diagnostic methods



D. 2. Surgical treatment

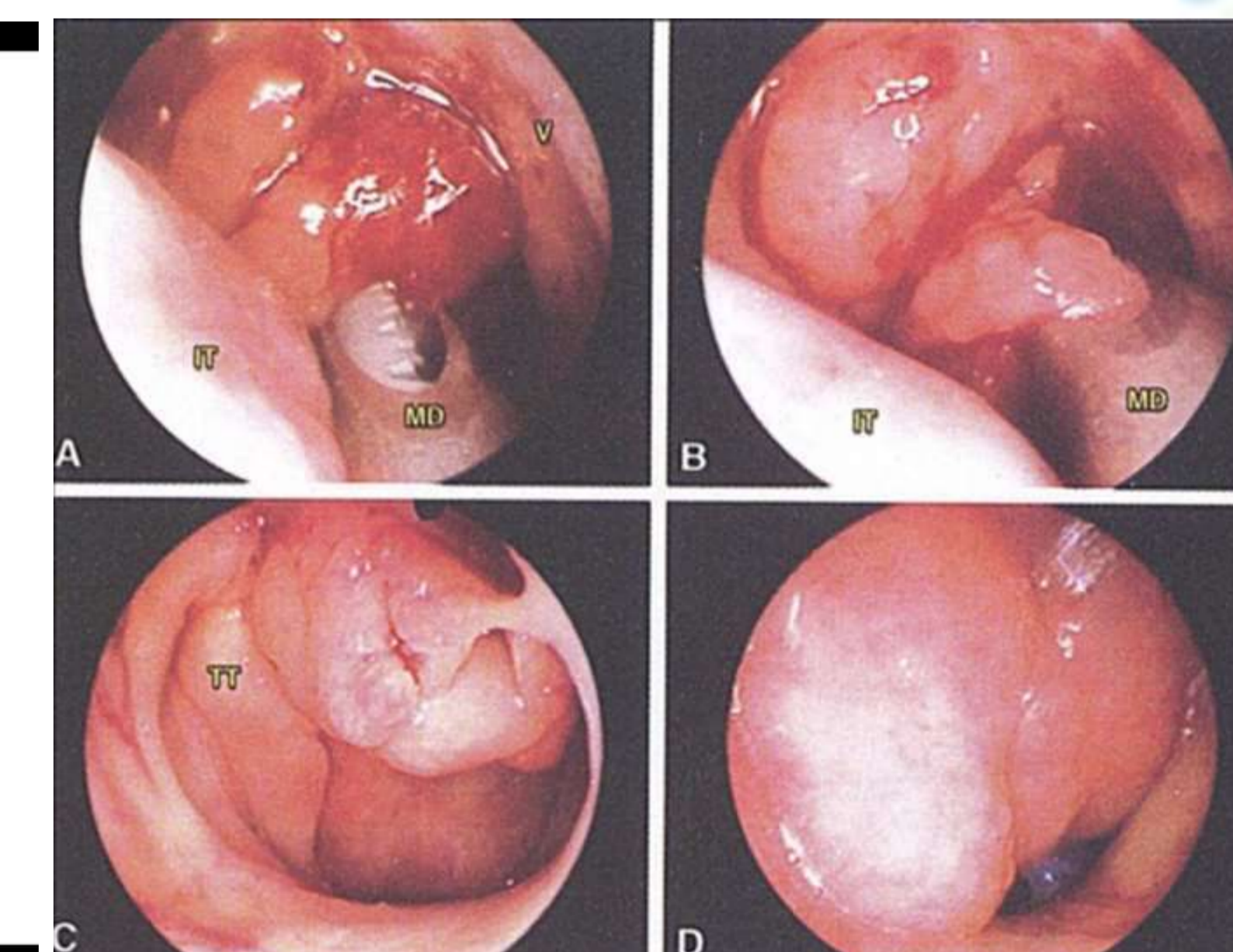


Fig. 6. Ablation by microdebrider under endoscopic control

### Conclusions

In the practice of the pediatric otorhinolaryngology clinic "Emilian Coțaga", efficient methods of diagnostic and treatment are used.