



THE RESULTS OF OUR CLINIC IN APPLICATION OF FINE NEEDLE ASPIRATION BIOPSY (F.N.A) IN HEAD AND NECK SWELLING

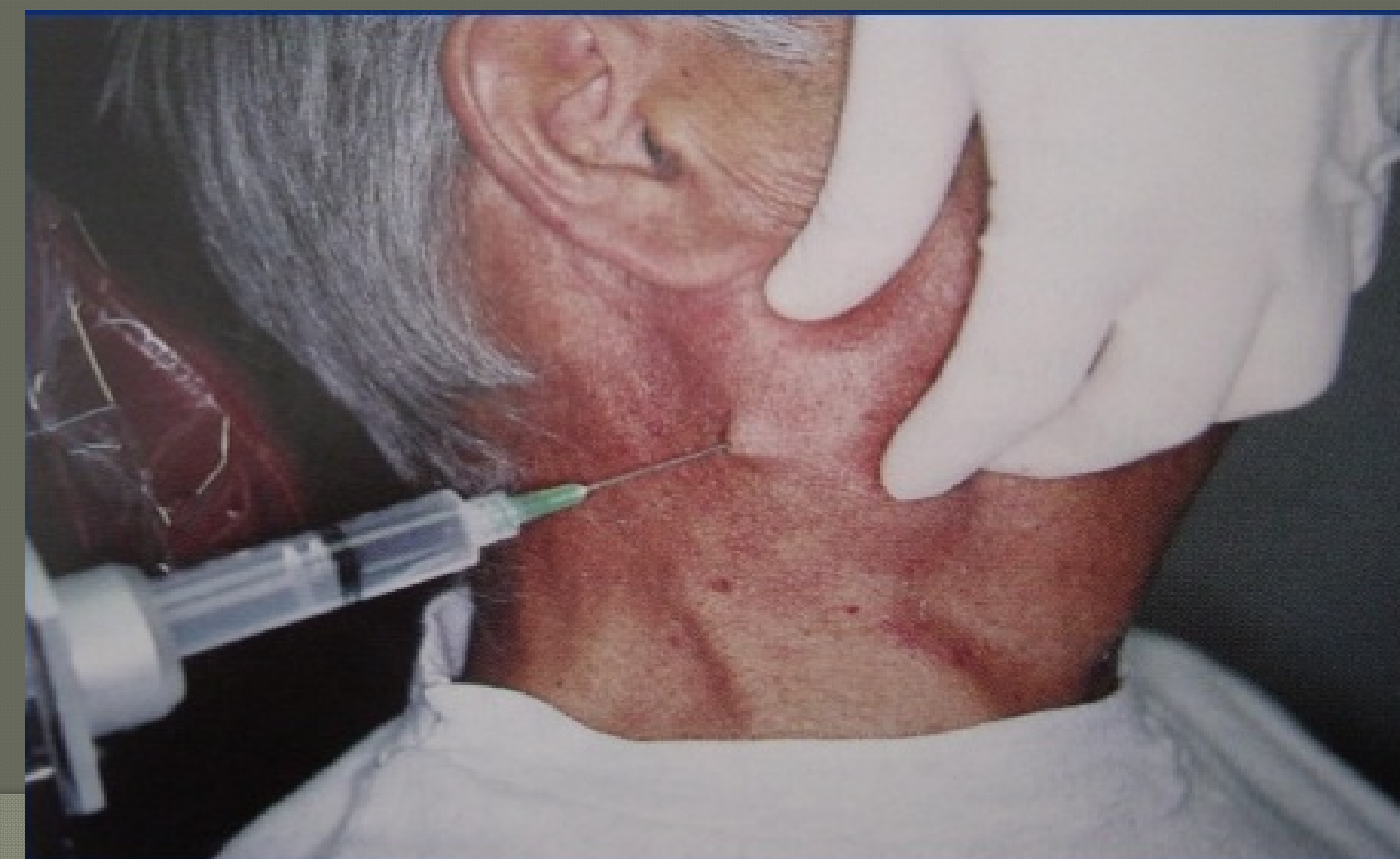
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Background

F.N.A. is a simple, cheap and fast method that can be used in head and neck swelling investigation.

Nowadays, it is a precise method that can be applied even in the office and for that reason it is usually the first examination that is used for diagnosis.

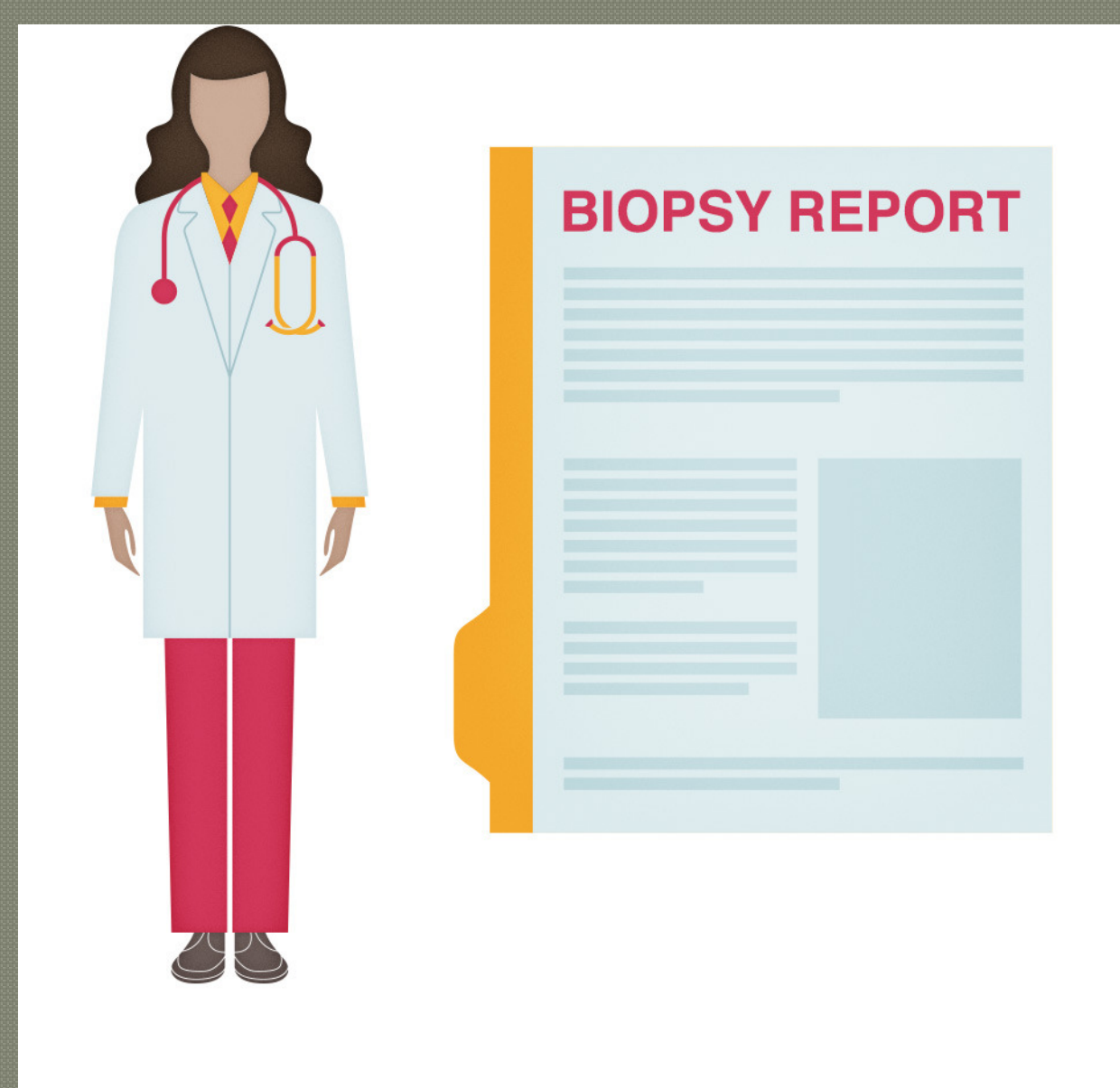
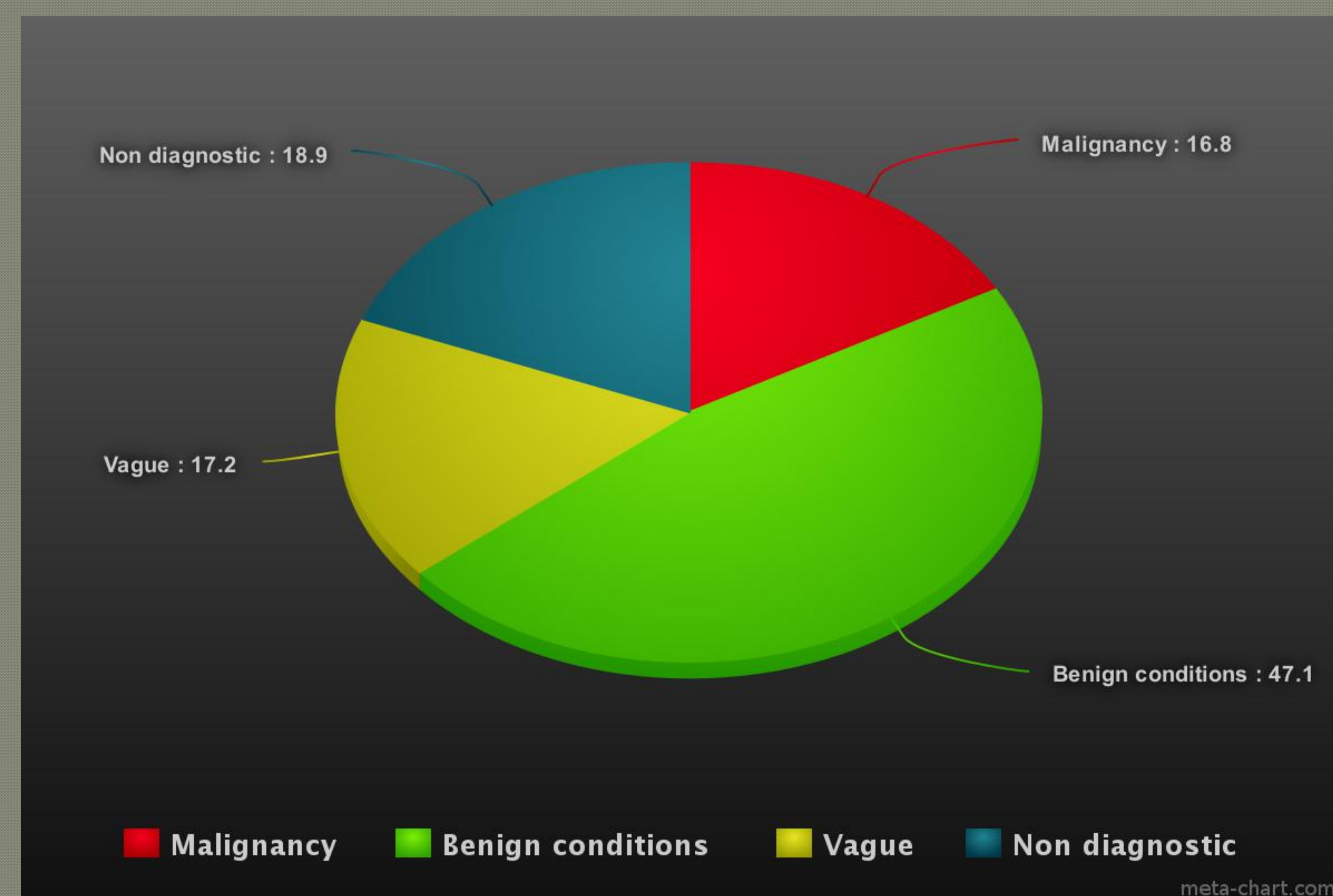


Methods

A Retroactive analysis of 174 patients who were examined under F.N.A. test in our clinic during the past five years. In our department F.N.A. is the first invasive operation we perform to patients with head or neck swelling. An open biopsy or surgical removal under general anaesthesia may follow as per indications.

Results

In the majority of biopsies a result was conducted whereas in some others, the sample material was judged insufficient because of low number of cells, therefore, giving no diagnostic aid in these instances. Malignancy was identified in 16.8% of cases, benign conditions were 47.1% , vague was 17.2% and non diagnostic samples were 18.9%.



Conclusion

F.N.A. is an efficient tool for the identification of malignancies and in parallelism with imaging examinations, such as M.R.I, ultra sound ,C.T, it has a great significance to the concomitant evaluation of a situation. Therefore, it helps doctors and patients to cooperate for the health benefits of the latter.