



Тенкоиiglена биопсија на тироидна жлезда

Назив на ЈЗУ Клиника за ендокринологија, дијабетес и метаболни нарушувања - Скопје

Назив на институција каде е одржана обуката Policlinico ' Agostino Gemelli" - Рим

Асс. Д-р Ирфан Ахмети од 8 јан 2015 до 8 феб 2015

Асс. Д-р Искра Битоска од 7 дек 2014 до 7 јан 2015

Др. Катерина Адамова од 7 дек 2014 до 7 јан 2015

Ментор: Prof. d-r Marco Rafaelli





Директор **Prof. Rocco Bellantone**.

Оддел - 24 болнички кревети просечно околу 100 приеми месечно,

Day Hospital - дијагностички процедури специфични за овие болести
(ултразвук, тенкоиглена аспирација, лабораториски тестови)

Амбуланта

Тим: Prof. Antonio Crucitti, Dott. **Marco Raffaelli**, Prof. Luca Revelli, Dott. Giuseppe Brisinda, Dott. Cosimo Callari, Dott.ssa Carmela De Crea, Dott. Piero Giustacchini, Dott. Roberto Maria Tacchino, **Dott.ssa Emanuela Traini, Valentina Milano, Simona Ronti**.

1200 хируршки интервенции годишно, со посебен интерес за MIVAT (видео асистирана тироидектомија и паратироидектомија, лапароскопска адреналектомија)

Тенкоиглена аспирациона биопсија (FNAB)



Тенкоиглена аспирациона биопсија (FNAB) се прави во понеделник, среда и петок.

Четврток – интерпретација на резултатите од FNAB

Вторник – сала, патологија



Liquid-based cytology in fine-needle aspiration biopsies of the thyroid gland.

[Fadda G](#)¹, [Rossi ED](#).

Abstract

OBJECTIVES: Fine-needle aspiration biopsy is regarded as the most important diagnostic tool for thyroid lesions because of its simplicity, safety, and cost-effectiveness. However, its pivotal role in the correct characterization of the majority of nodules is impaired by the difficulties in discriminating benign from malignant follicular-patterned lesions.

STUDY DESIGN: Liquid-based cytology (LBC) is a semiautomated device that has recently become widely available and has gained popularity as a method of collecting and processing both gynecologic and nongynecologic cytologic specimens. It achieves a diagnostic sensitivity as accurate as conventional preparations, especially for its excellent cell preservation and lack of background which decrease the amount of inadequate diagnoses.

RESULTS: In many cases the cytologic features are similar in both methods, but the colloid film and the lymphocytic component are more easily evaluated on direct smears whereas **nuclear details and colloid globules are better evaluated in LBC slides. The material stored in the preservative solution could be effectively used for the application of immunocytochemical and molecular techniques.**

CONCLUSIONS: LBC-processed biopsies represent a valid alternative to conventional cytology. The possibility of applying additional techniques enhances the efficacy of the cytologic diagnosis of thyroid lesions.

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МИНИСТЕРСТВО ЗА ЗДРАВСТВО
РЕПУБЛИКА МАКЕДОНИЈА





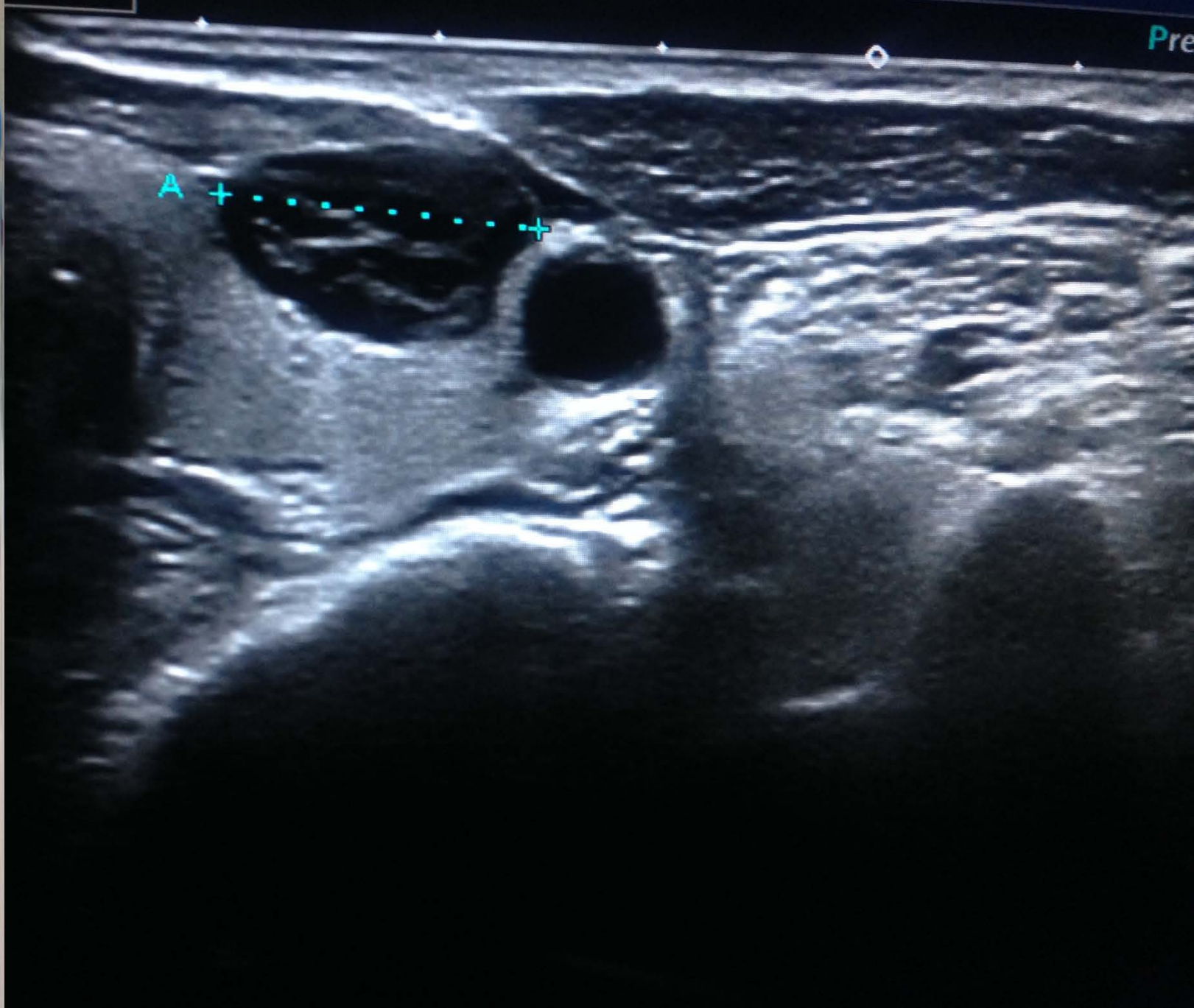




13.6 mm

thyroid 2

Pre



2013 Italian Consensus for the Classification and Reporting of Thyroid Cytology

CATEGORIE DIAGNOSTICHE	
TIR. 1	Inadeguato (non diagnostico)
TIR. 1C	Lesione Cistica
TIR. 2	Negativo per cellule maligne (Benigno)
TIR. 3A	Indeterminato <i>Cellular microfollicular/Hürthle cell pattern in a background of poor colloid amount with degenerative/regressive features.</i> Partially compromised specimens (blood contamination) with mild cytologic or architectural alterations. Expected lower risk of malignancy.
TIR. 3B	Indeterminato (Proliferazione Follicolare) Monotonous, repetitive microfollicular pattern with scanty or absent colloid. More likely follicular neoplasm; expected higher risk of neoplasia.
TIR. 4	Sospetto di Malignità
TIR. 5	Diagnostico di Malignità



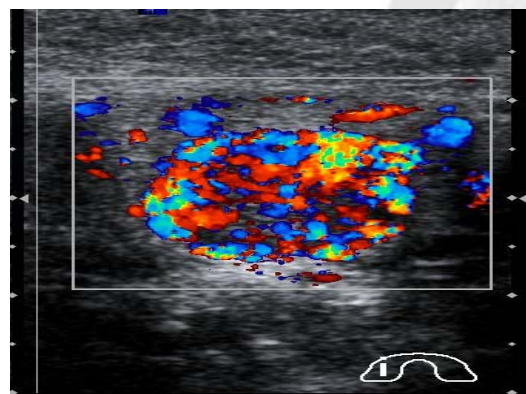
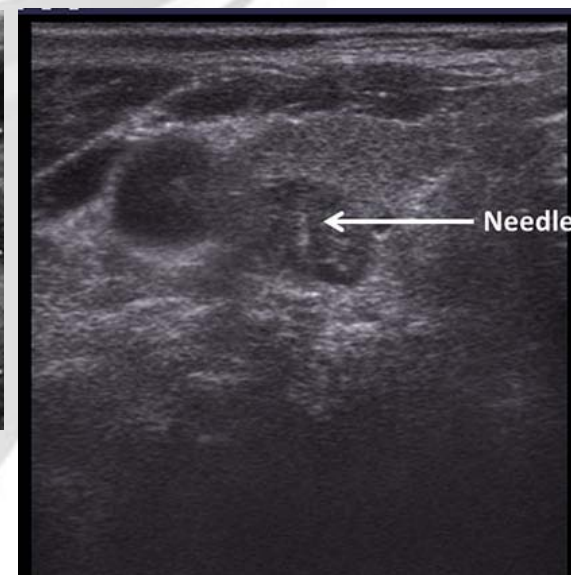
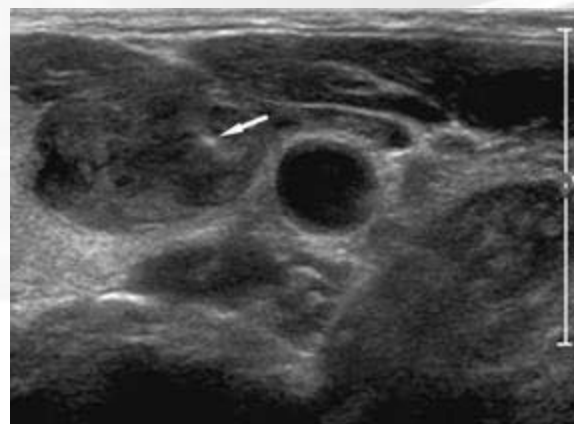
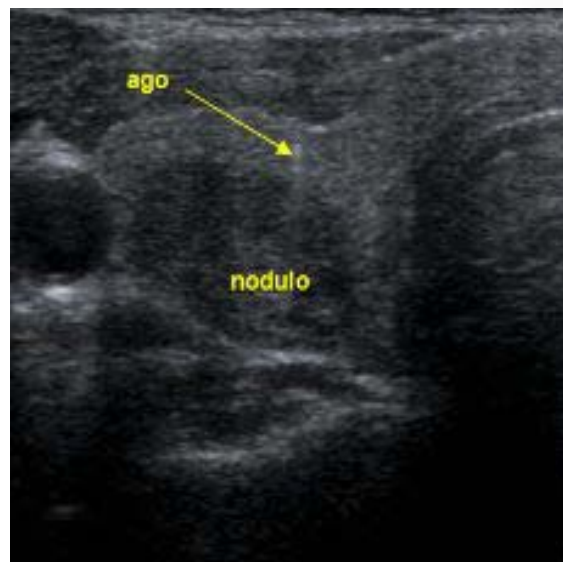
Молекуларни тестирања – **BRAF** (alterations can occur in the DNA of the neoplastic cells)

Имунохистохемија – Diagnostic value of HBME-1, CD56, Galectin-3 and Cytokeratin-19 in PTC and thyroid tumors of uncertain malignant potential



FNA на тироидни јазли – 140

- FNA на ПТ жлезда – 5
- FNA на лимфни јазли – 15







MIVAT

