

Expression of CD56 in Follicular Patterned Thyroid Neoplasms

*Thesis
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By
Ahmed AbdulAleem AbdulRahman Hussein
MBBCh

Under Supervision of

Prof. Dr. Samira Abdullah Mahmoud
Professor of Pathology
Faculty of medicine, Cairo University

Dr. Rasha Ahmed Khairy
Lecturer of Pathology
Faculty of medicine, Cairo University

Dr. Mohammed Mahmoud Abdellah
Lecturer of Pathology
Faculty of medicine, Fayoum University

**Faculty of Medicine
Cairo University
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Abstract

The current study included 45 cases of thyroid follicular lesions; 15 cases of follicular variant of papillary thyroid carcinoma, 20 cases of follicular adenoma, and 10 cases of follicular carcinoma. All cases were retrieved as routinely processed paraffin blocks taken from Kasr AlAiny and other labs, dating between 2014 and 2016. For all specimens, some clinical data were available on the computer files including age and sex of the patients and the staging of the tumor. All the cases included in our study were thyroidectomy specimens.

Two sections were prepared from each paraffin block to be studied both histologically (by Hematoxylin and Eosin stain) and immunohistochemically for CD56 expression by using [Monoclonal Mouse Anti-Human CD56 (Dako, Clone 123C3)]. Immunostaining was done by using Autostainer Link 48 (Dako). Cases were considered positive when more than 10% of the cells in the examined lesion were stained positively by CD56.

Key words:

Thyroid – Neoplasms – CD56 – Follicular Pattern