

Role of Technetium Scan and Thyroid Ultrasound in diagnosing the etiology of Thyroid Dysgenesis

Thesis

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By:

Dina Mohamed Abd El Raouf El Dahshan
(M.B.B.Ch)
Ain Shams University

Under supervision of:

Prof. Mohamed Salah El Din El Kholy

Professor of Pediatrics
Faculty of Medicine - Ain Shams University

Prof. Heba Hassan Elsedfy

Professor of Pediatrics
Faculty of Medicine - Ain Shams University

Dr. Mohamed El Gharib Abo El Maaty

Lecturer of Radiology
Faculty of Medicine - Ain Shams University

Faculty of Medicine
Ain Shams University
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List of Abbreviations

CDUS	:	Color Doppler ultrasound
CH	:	Congenital hypothyroidism
CNS	:	Central nervous system
FOXE1	:	Forkhead transcription factor gene E1
ft3	:	Free triiodothyronine
ft4	:	Free thyroxine
HS	:	Highly significant
Ht	:	Height
I-123	:	Iodine-123
IQ	:	Intelligence quotient
IQR	:	Inter Quartile Range
KO	:	Knockout
L-T4	:	L-thyroxine (levothyroxine)
MAPK	:	Mitogen-activated protein kinase
Max	:	Maximum
Min	:	Minimum
NIS	:	Sodium iodide symporter
NKX2.1	:	NK2 homeobox 1
NS	:	Non significant
PAX8	:	Paired Box Gene 8
PDS	:	Pendred syndrome
SD	:	Standard deviation
Tc	:	Technetium
TFC	:	Thyroid follicular cells

List of Abbreviations (Cont.)

TG, Tg	:	Thyroglobulin
THOX2	:	Thyroid oxidase 2
TPO	:	Thyropoxidase
TRB-Ab	:	Maternal thyrotropin receptorblocking antibodies
TSH	:	Thyroid stimulating hormone
TSHr	:	Thyrotropin receptor
TTF1 and 2	:	Thyroid transcription factors 1 and 2 respectively
US	:	Ultrasound
Wt	:	weight

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Introduction and Aim of the Work





Review of Literature





Patients and Methods





Results





Discussion





Summary and Conclusions





References

