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List of Abbreviations

AAP	: American Academy of Paediatrics
AB	: Autoantibodies
AD	: Alzheimer's disease
AITD	: Autoimmune thyroid disease
AML	: Acute myeloid leukemia
ASD	: Atrial septal defect
ASD	: Atrial septal defect
AV canal	: Atrio-ventricular canal
AVSD	: Atrioventricular septal defect
BMI	: Body mass index
CHD	: Congenital heart disease
CHD	: Congenital heart disease
CNS	: Central nervous system
DS	: Down syndrome
EFS	: Event-free survival
FISH	: Fluorescence in situ hybridization
GD	: Graves' disease
hCG	: Human chorionic gonadotropin
HR	: Heart rate
HT	: Hashimoto's thyroiditis

 List of Abbreviations

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IQ	: Intelligent equation
MR	: Mental retardation
MTX	: Methotrexate
PDA	: Patent ductus arteriosus
RFC	: Reduced folate carrier
SH	: Subclinical Hypothyroidism
TG	: Anti-thyroglobulin antibodies
TPO	: Thyroid peroxidase antibodies
Tregs	: Regulatory T cells
TSH`	: Thyroid-stimulating hormone
VSD	: Ventricular septal defect

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Introduction





Aim of the Work





Review of Literature





Chapter (I)

Down Syndrome





Chapter (II)

Thyroid Functions in Down Syndrome





Subjects and Methods





Results





Discussion





Summary

