



CMSA

The Colleges of Medicine of South Africa NPC

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JOHANNESBURG OFFICE
EXAMINATIONS & CREDENTIALS

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Cert Endocrinology & Metabolism(SA) Paed blueprint

	Pituitary	Thyroid	Para-Thyroid	Pancreas	Adrenals	Ovaries	Testes	Genitalia	Energy Metabolism	Gender Identity
BASIC SCIENCE										
Genetics	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Embryology	✓	✓	✓	✓	✓	✓	✓	✓		
Physiology	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Patho-Physiology	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Pathology	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Clinical Evaluation										✓
Over-function	✓	✓	✓	✓	✓	✓	✓			
Under-function	✓	✓	✓	✓	✓	✓	✓			
Resistance	✓	✓	✓	✓	✓	✓	✓			
Laboratry Evaluation										
Over-funtion	✓	✓	✓	✓	✓	✓	✓			
Under-funtion	✓	✓	✓	✓	✓	✓	✓			
Resistance	✓	✓	✓	✓	✓	✓	✓			

EVALUATION AND MANAGEMENT OF: Diagnosis Investigation Treatment Monitoring Children and Adoloscents	Diabetes Mellitus	T1 T2 CFRD Monogenic Other	Including up to date technology
	Growth	Short Tall Skeletel Dysplasia Gentic Syndromes Chronic Disease	
	Puberty	Early Late Gender non-confirming	Including PCOS

Hypoglycaemia.../

	Hypoglycaemia	Neonatal Childhood Adolescent	including hyperinsulinism including GSD
	Interpretation of abnormal thyroid function test		
	Hypothyroidism	Congenital Acquired Non-thyroidal illness Primary and secondary/tertiary	
	Hyperthyroidism	Congenital Acquired	
	Hypocalcaemia	Neonates	Childhood
	Hypercalcaemia	Neonates	Childhood
	Diabetes insipidus		
	Hyper- and Hypo- natraemia for endocrine aetiology		
	Atypical genitalia		
	Genetic Syndromes with endocrine features	Turner Klinefelter Prader-Willi MEN Autoimmune polyglandular syndrome Monogenic obesity other	
	Osteoporosis	Rickets Chronic Diseases OI JIO other	Vit D, Ca, Hypophosphataemic Resistance, other renal

	<p>Obesity for endocrine aetiology</p> <p>Endocrine and metabolic consequences of obesity</p> <p>Endocrine hypertension</p> <p>CAH Conn Pheochromocytoma AME GRA</p>
General principles of genetics, evaluation and management of inborn errors of metabolism	

October 2019