Paediatric Endocrinology Specialist Clinics at Western Health:

Western Health provides the following Specialist Clinics for patients up to the age of 17 who require assessment and management of Paediatric Endocrinology conditions. Patients will be triaged by Consultant Endocrinologist into management pathways according to specific clinical requirements:

These referral guidelines are for Paediatric Specialist Clinics provided at Joan Kirner Women's and Children's at Sunshine Hospital only.

Referrals may be triaged to alternative Paediatric Specialist Clinics at Western Health.

Paediatric Endocrinology Alarm Symptoms:

Acute conditions listed below require immediate assessment - please refer the patient to the Sunshine Hospital Emergency Department.

- Hypoglycaemia
- Newly diagnosed hyperthyroidism
- Polyuria
- Polydipsia
- Hypocalcaemia

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Access & Referral Priority Paediatric Endocrinology:

The clinical information provided in your referral will determine the triage category. The triage category will affect the timeframe in which the patient is offered an appointment.

ROUTINE
Appointment timeframe greater than 30 days, depending on clinical need.
Thyroid Disorders
 Newly diagnosed TSH >10 on 2 occasions Mild elevation in TSH (<10) is seen commonly and will often improve without treatment. Mild elevation in TSH can be associated with obesity. Suggest repeat TFTs in 3 months with antithyroid peroxidase (TPO) and anti-thyroglobulin antibodies.
 Short Stature Height < 1st centile or <3rd centile with other medical concerns or height out of keeping of family height potential. Tall Stature
Turner Syndrome
No secondary sexual characteristics developed in boys or girls by the age of 14 years.

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Fractures

Femoral shaft fracture

Two or more other long bone fractures

Hypoglycaemia

Department

Refer to the Sunshine Hospital Emergency

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Hypercalcaemia	Bone Fragility SyndromesOsteogenesis imperfectaHypophosphatasia
 Patients with a 25(OH) D level < 12 nmol/L Note: If also hypocalaemic refer patient to the Sunshine Hospital Emergency Department. 	 Bone Health Assessment Bone health assessment for non-ambulatory children less than 17 years of age.
	Obesity Children > 10 years with obesity for assessment and monitoring if associated with:

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Condition Specific Referral Guidelines:

Key information enables Western Health to triage patients to the correct category and provide treatment with fewer visits to specialist clinics, creating more capacity for care. If key information is missing, you may be asked to return the referral with the required information.

Condition:	Key Information Points:	Clinical Investigations
Short Stature / Tall Stature	Past medical history Clinical examination Height and weight measurements Growth chart assessments All past height and weight measurements	 Please forward any copies of previous assessments and reports. Bloods Tests Full blood count Electrolytes bone chemistry (Ca/Phosphate) IGF1 TSH/freeT4; coeliac serology, liver function tests, ESR Chromosomal karyotype in females to exclude Turner syndrome. Bone age X-ray
Thyroid Disorders	Essential ■ Past medical history ■ Clinical examination ■ Height and weight measurements ■ Growth chart assessments ■ Age at diagnosis Hypothyroidism ■ Current thyroxine dose	 Thyroid stimulating Hormone (TSH) Free Thyroxine (fT4) Thyroid antibodies Anti thyroglobulin antibodies and anti-thyroid peroxidase antibodies
Pubertal Delay	Past medical history Clinical examination Family history – pubertal timing of parents, maternal age of menarche	 Please forward any copies of previous assessments and reports. Bone age Xray Blood Tests: Full Blood Count Electrolytes TSH LH FSH Oestradiol/ testosterone

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Turner Syndrome	 Past medical history Clinical examination Noting Tanner stage RACGP - Growth disorders in adolescents blood pressure Growth measurements Evidence of true puberty Females – evidence of breast development at <8 years. Males - evidence of testicular enlargement ≥4 ml, or virilization /development of phallus at <9 yrs. Essential	 Please forward any copies of previous assessments and reports. Bone age X-ray Blood Tests TSH FSH LH testosterone/oestradiol If pubic hair present: Blood Tests DHEAS Testosterone Androstenedione 17 - OH Progesterone FSH LH (+ Oestradiol if female) Bone age X-ray
Turner Syndrome	 Past medical history Age at diagnosis Current hormone treatment 	 Results of chromosomal analysis. Please forward copies of previous assessments and reports. TSH
Fractures	Past medical history Details of Paediatric Orthopaedic involvement.	Xray reports
Bone Fragility Syndrome	EssentialDetails of initial diagnosisPast medical historyPast fracture history	 Please forward copies of previous assessments and reports. Xray reports
Bone Health Assessments	Past medical history	 Please forward copies of previous assessments and reports. Xray reports
Hypophosphatemia Rickets	Past medical history Details of initial diagnosis	 Please forward any copies of previous assessments and reports. Xray reports

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