

## OUTPATIENT GP REFERRAL GUIDELINES RETES and ENDOCRINE SERVICES (SADES)

# SOUTHERN ADELAIDE DIABETES and ENDOCRINE SERVICES (SADES) Southern Adelaide Local Health Network (SALHN)

## Hypocalcaemia

- Corrected or ionized serum calcium should be used for accurate assessment
- Common causes of true hypocalcaemia are
  - hypoparathyroidism and drugs (including recent rather than current use) and alcohol

### **Information Required**

- Presence of Red Flags
- Duration of symptoms
- Previous neck surgery
- Recent chemotherapy
- Current and previous drug use bisphosphonates, denosumab, phenytoin
- Associated symptoms

## **Investigations Required**

 Serum total and ionized calcium, albumin, phosphate, Mg, renal function, ALP, PTH, 25 OH Vit D

#### Fax Referrals to

**GP Plus Marion** 

7425 8687

**GP Plus Noarlunga** 

8164 9199

## **Red Flags**

- Tetany
- Cramp
- Paraesthesia
- Corrected serum calcium <1.8mmol/L or ionised calcium <0.9 mmol/L

Seizures

Cardiac arrhythmia

Concurrent hypokalaemia

## Suggested GP Management

- If red flags present, discuss with on call registrar
- Ensure hypocalcaemia is real by using corrected or ionized serum calcium
- Check serum PTH
- 25OH vitamin D replacement if deficient
- Start treatment with calcium and calcitriol if symptomatic – discuss with on call registrar if unsure

#### **Clinical Resources**

 Therapeutic Guidelines Endocrinology Version 6 (2018)

General Information to assist with referrals and the and Referral templates for SALHN are available to download from the SALHN Outpatient Services website <a href="https://www.sahealth.sa.gov.au/SALHNoutpatients">www.sahealth.sa.gov.au/SALHNoutpatients</a> and SAFKI Medicare Local website <a href="https://www.sa.gov.au/SALHNoutpatients">www.sa.gov.au/SALHNoutpatients</a> and SAFKI Medicare SALHNoutpatients</a> and SAFKI Medicare SALHNoutpatients and salk website salk website salk website salk

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