

ED clinical note

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Author	Hospital Ed	Recipient	-

Date: 1 September 2026

Patient: Mei Lin, 58 years, Female

Presenting problem

Dehydration after gastroenteritis.

History of presenting illness

Patient-reported onset of vomiting and diarrhoea from approximately 06:30 on 1 September 2026, with reduced oral intake and inability to keep usual medicines down. She requested same-day GP assessment and was seen at Meadowbrook Medical Centre at 10:20.

At that consultation the GP documented dry mucous membranes, postural dizziness and a capillary glucose of 12.1 mmol/L, and concluded that possible dehydration and acute kidney injury required emergency department assessment. She was advised to attend ED today and not to take her withheld medicines until reviewed.

Background

Type 2 diabetes, chronic kidney disease stage 3, hypertension.

Allergy: penicillin - immediate urticaria.

Regular medications prior to this illness: amlodipine 5 mg once daily, empagliflozin 10 mg once daily, metformin 500 mg twice daily.

Lives independently and usually manages her diabetes reliably. Routine diabetes and kidney disease review on 20 August 2026 was stable, with no acute symptoms and reported medication adherence.

Examination

Findings documented at the GP assessment earlier today: dry mucous membranes, postural dizziness. Capillary glucose 12.1 mmol/L.

Investigations

Renal function - final: acute deterioration from baseline.

Ketones - final: not elevated.

Assessment

Pre-renal acute kidney injury associated with dehydration, in the setting of a gastrointestinal illness with reduced oral intake. Creatinine is above this patient's baseline. Ketones are not elevated.

Treatment

Intravenous fluids given, with improvement noted after intravenous fluids.

Medication changes

No medication changes made in the emergency department.

- Amlodipine 5 mg once daily - continued.
- Empagliflozin - remains withheld (temporarily withheld by GP today for acute illness with reduced oral intake).
- Metformin - remains withheld (temporarily withheld by GP today for dehydration and possible acute kidney injury).

Withheld medicines are not to be restarted until reviewed.