



<https://ca2deficiency.duckdns.org/> · Educational organizing tool — not a diagnosis or treatment plan

Emergency Sheet (A4)

Readable in seconds in emergency settings — fill only clinician-documented facts.

Carbonic Anhydrase II Deficiency (CA2 deficiency)

Renal Tubular Acidosis (RTA)

Type of renal tubular acidosis (RTA), if specified in the doctor's report

☐ Distal ☐ Proximal ☐ Mixed ☐ Not specified

Genetic diagnosis / CA2 variant(s) (optional / if documented)

This patient's documented baseline (not general values)

pH

HCO₃

K

Some abnormal laboratory values may be chronic and usual for this patient. Today's results should be interpreted against the documented baseline, current symptoms, fluid status, and the treating team's plan. A value close to baseline does not exclude an acute problem.

Current medications (as prescribed)

Sodium bicarbonate / alkali therapy — prescribed dose

Last dose — date/time

Potassium therapy if prescribed — dose

Last potassium dose

Other medications

Emergency contacts

Parent 1 — name/phone

Parent 2 — name/phone

Treating physician — name

Specialty

Hospital

Official contact

Emergency cautions

- 1. Medication check:** The patient may use sodium bicarbonate/alkali chronically. Please review drug interactions and the effect of new medicines on electrolytes and kidney function.
- 2. Bone fragility / osteopetrosis:** Handle limbs gently. Avoid forceful immobilization during venipuncture, transfer, or procedures when possible.
- 3. IV potassium:** IV potassium is a high-risk medication and requires dosing/monitoring according to hospital protocol and clinical/laboratory findings, with specialist input when appropriate. No dose is written on this form.

Symptoms that may need urgent assessment according to this patient's plan and condition

☐ Diarrhea ☐ Vomiting ☐ Fainting ☐ Dizziness ☐ Severe abdominal pain

What have you noticed at home? (not a diagnosis)

Educational and organizational only. Does not diagnose, set doses, or replace a clinician. What you notice at home is not the same as what is in the medical record, and not the same as what the doctor decides.