## DKA in patients suspected or positive for COVID-19

- · At risk for fluid overload or with clinical features of leaky lungs (interstitial pneumonitis) or myocarditis
- Shortage of infusion pumps due to huge surge in demand across trust
- · Challenging IV access while awaiting central/intraosseous access



Once glucose level < 14 mmol/L:

- Add 10% glucose at 125 ml/hr.
- Review insulin prescription when ketones < 0.6 mmol/L.
- Fall in ketones by 0.5 mmol/L/hr or 2 mmol/L in 4 hours.
- · Maintaining glucose in safe levels without hypoglycaemia
- Target range: 6-14 mmol/L
- Monitor potassium 2 hourly.
- Record hourly fluid balance and adjust rates accordingly.
- Monitor SpO<sub>2</sub> as a marker of fluid overload. .

DKA resolved when pH > 7.3 and serum ketones < 0.6 mmol/L