

DKA

GLOBAL MARK			
CLEAR PASS	BORDERLINE PASS	BORDERLINE FAIL	FAIL

Criteria

Introduces Self, confirms patient identify, Washes hands,	2, 1
Offers analgesia, ensures comfort of patient	2
Brief History from patient or relative PHM, Last ate, allergies, drugs	2
Good, quick A-E assessment B – knussmal/acidotic breathing C – low BP, tachycardia D – GCS 15	
Ascertains Blood glucose	2
Asks for Blood ketones (knows >3 is significant)	2
Asks for patient to be cannulated	
Asks for VBG, FBC, UE, Glucose [potentially clotting and CRP, cultures, urinalysis, ECG]	
Understands VBG (metabolic acidosis, raised anion gap)	
Makes diagnosis	
Wants to move patient to resus	
Institutes treatment IV Fluid [1L Normal Saline 1 st hour, then 1L over 2 hours] IV Insulin started after fluids 0.1 unit/kg/hr (If cannot gain access give bolus of 0.1unit/kg IM)	
Assesses for severity Ketones >6, HCO ₃ ⁻ <5, pH <7, K ⁺ <3.5, GCs <12, Sats <92%, Hr >100, AG >16 If any other the above present, asks for HDU review	
Re-asseses Aiming for Ketones to fall by at least 0.5mmol/l/hr, HCO ₃ ⁻ to rise by 3 mmol/l/hr and glucose to fall by 3mmol/l/hr	
Refers patient to medical team, asks for HDU review	
Thanks patient	
Explains diagnosis and treatment	

Tom Bircher 2019