

Table 1

Diagnostic criteria for DKA and HHS

	DKA			HHS
	Mild (plasma glucose >250 mg/dl)	Moderate (plasma glucose >250 mg/dl)	Severe (plasma glucose >250 mg/dl)	Plasma glucose >600 mg/dl
Arterial pH	7.25–7.30	7.00 to <7.24	<7.00	>7.30
Serum bicarbonate (mEq/l)	15–18	10 to <15	<10	>18
Urine ketone*	Positive	Positive	Positive	Small
Serum ketone*	Positive	Positive	Positive	Small
Effective serum osmolality†	Variable	Variable	Variable	>320 mOsm/kg
Anion gap‡	>10	>12	>12	Variable
Mental status	Alert	Alert/drowsy	Stupor/coma	Stupor/coma

- *Nitroprusside reaction method.
- †Effective serum osmolality: $2[\text{measured Na}^+ (\text{mEq/l})] + \text{glucose (mg/dl)}/18$.
- ‡Anion gap: $(\text{Na}^+) - [(\text{Cl}^- + \text{HCO}_3^- (\text{mEq/l}))]$. (Data adapted from ref. 13.)