DKA Potassium Replacement Scale Protocol [3364]

Providers: Order DKA Potassium Replacement Protocol via the Diabetic Ketoacidosis (DKA) Order Set.
This Order Set is for Nursing utilization related to potassium replacement

Potassium Replacement

Potassium replacement scale for DKA patients: HOLD INSULIN if potassium is LESS than 3.3 mEq/L
Patients tolerating oral feeding and not symptomatic should receive oral replacement.
POTASSIUM
Level (mEq/L) Potassium Chloride Dose Monitoring Comments
LESS than or EQUAL to 3.3
60 mEq
Oral OR IV
Recheck level two hours after the end of IV administration or 4 hours after oral.
Reapply orders if needed Oral route preferred. Give IV if unable to tolerate oral intake. Total dose may be given as a combination of IV/PO. Notify prescriber if patient develops arrhythmias.
3.4 – 4.0
40 mEq
Oral OR IV

Recheck level two hours after the end of IV administration or 4 hours after oral.
Reapply orders if needed Oral route preferred. Give IV if unable to tolerate oral intake. Total dose may be given as a combination of IV/PO. Notify prescriber if patient develops arrhythmias.
4.1 – 5.2
20 mEq
Oral OR IV
Recheck level two hours after the end of IV administration or 4 hours after oral.
Reapply orders if needed Oral route preferred. Give IV if unable to tolerate oral intake.
Continue IVF with potassium (Including for ESRD patients)
GREATER than 5.2 Notify prescriber Continue to monitor every 4 hours until stable Contact prescriber if patient has IVF with potassium for possible adjustment of potassium.

Potassium LESS than or EQUAL to 3.3 (Single Response)

( ) Oral replacement - potassium 60 mEq	**"Or" Linked Panel**
[ ] potassium chloride (K-DUR) CR tablet	60 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed.
[ ] potassium chloride (KAYCIEL) 10 % solution	60 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed
( ) Peripheral IV - potassium 60 mEq	10 mEq, intravenous, for 60 Minutes, every 1 hour, For 6 Doses Recheck level 1 hour after the end of IV administration and reapply orders if needed.
( ) Central IV - potassium 60 mEq	20 mEq, intravenous, for 60 Minutes, every 1 hour, For 3 Doses For Central Line Only; Recheck level 1 hour after the end of IV administration and reapply orders if needed.

Potassium 3.4 - 4.0 (Single Response)

( ) Oral replacement - potassium 40 mEq	**"Or" Linked Panel**
[ ] potassium chloride (K-DUR) CR tablet	40 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed.
[ ] potassium chloride (KAYCIEL) 10 % solution	40 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed

( ) Peripheral IV - potassium 40 mEq	10 mEq, intravenous, for 60 Minutes, every 1 hour, For 4 Doses Recheck level 1 hour after the end of IV administration and reapply orders if needed.
( ) Central IV - potassium 40 mEq	20 mEq, intravenous, for 60 Minutes, every 1 hour, For 2 Doses For Central Line Only; Recheck level 1 hour after the end of IV administration and reapply orders if needed.

Potassium 4.1 - 5.2 (Single Response)

( ) Oral replacement - potassium 20 mEq	**"Or" Linked Panel**
[ ] potassium chloride (K-DUR) CR tablet	20 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed.
[ ] potassium chloride (KAYCIEL) 10 % solution	20 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed
( ) Peripheral IV - potassium 20 mEq	10 mEq, intravenous, for 60 Minutes, every 1 hour, For 2 Doses Recheck level 1 hour after the end of IV administration and reapply orders if needed.
( ) Central IV - potassium 20 mEq	20 mEq, intravenous, for 60 Minutes, once, For 1 Doses For Central Line Only; Recheck level 1 hour after the end of IV administration and reapply orders if needed.

End Stage Renal Disease (ESRD) Potassium Replacement

Potassium replacement scale for DKA patients: HOLD INSULIN if potassium is LESS than 3.3 mEq/L
Patients tolerating oral feeding and not symptomatic should receive oral replacement.
POTASSIUM
Level (mEq/L) Potassium Chloride Dose Monitoring Comments
LESS than or EQUAL to 3.3
60 mEq
Oral OR IV
Recheck level two hours after the end of IV administration or 4 hours after oral.
Reapply orders if needed Oral route preferred. Give IV if unable to tolerate oral intake. Total dose may be given as a combination of IV/PO. Notify prescriber if patient develops arrhythmias.
3.4 – 4.0
20 mEq
Oral OR IV

Recheck level two hours after the end of IV administration or 4 hours after oral.
Reapply orders if needed Oral route preferred. Give IV if unable to tolerate oral intake. Total dose may be given as a combination of IV/PO. Notify prescriber if patient develops arrhythmias.
4.1 – 5.2
No replacement Continue to monitor every 2 to 4 hours (per BMP orders) Continue IVF with potassium
GREATER than 5.2 Notify prescriber Continue to monitor every 4 hours until stable Contact prescriber if patient has IVF with potassium for possible adjustment of potassium.

Potassium LESS than or EQUAL to 3.3 (Single Response)

( ) Oral replacement - potassium 60 mEq	**"Or" Linked Panel**
[ ] potassium chloride (K-DUR) CR tablet	60 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed.
[ ] potassium chloride (KAYCIEL) 10 % solution	60 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed
( ) Peripheral IV - potassium 60 mEq	10 mEq, intravenous, for 60 Minutes, every 1 hour, For 6 Doses Recheck level 1 hour after the end of IV administration and reapply orders if needed.

( ) Central IV - potassium 60 mEq	20 mEq, intravenous, for 60 Minutes, every 1 hour, For 3 Doses For Central Line Only; Recheck level 1 hour after the end of IV administration and reapply orders if needed.

Potassium 3.4 - 4.0 (Single Response)

( ) Oral replacement - potassium 20 mEq	**"Or" Linked Panel**
[ ] potassium chloride (K-DUR) CR tablet	20 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed.
[ ] potassium chloride (KAYCIEL) 10 % solution	20 mEq, oral, once, For 1 Doses Recheck level 4 hours after dose and reapply orders if needed
( ) Peripheral IV - potassium 20 mEq	10 mEq, intravenous, for 60 Minutes, every 1 hour, For 2 Doses Recheck level 1 hour after the end of IV administration and reapply orders if needed.
( ) Central IV - potassium 20 mEq	20 mEq, intravenous, for 60 Minutes, once, For 1 Doses For Central Line Only; Recheck level 1 hour after the end of IV administration and reapply orders if needed.

Potassium Monitoring

Potassium Level (Single Response)

Oral Replacement: Draw 4 hours after PO administration
IV Replacement: Draw 2 hours after IV administration

Choose one below and release order when time to draw:

( ) Potassium level 4 hours after oral replacement	Conditional Frequency For 1 Occurrences Draw 4 hours after oral potassium replacement
( ) Potassium level 2 hours after IV replacement	Conditional Frequency For 1 Occurrences Draw 2 hours after IV potassium replacement