



**Physician Orders ADULT: ONC Electrolyte Replacement Plan**

**ONC Electrolyte Replacement Plan**

**Non Categorized**

- Initiate Powerplan Phase  
*Phase: ONC Electrolyte Replacement Plan, When to Initiate:\_\_\_\_\_*

**Patient Care**

- Nursing Communication  
*If no magnesium level results available within the last 48 hours, place order for magnesium level prior to replacing potassium.*
- Nursing Communication  
*If both magnesium replacement and potassium replacement are ordered, always administer magnesium prior to potassium.*

**Medications**

NOTE: Do not use in patients with creatinine clearance less than 30 mL/min.(NOTE)\*  
 NOTE: Do not give potassium when patients' sodium bicarb is less than 19 (as defined by criteria for metabolic acidosis).(NOTE)\*  
 NOTE: Each 10 mEq of IV potassium is expected to raise the serum potassium level by ~ 0.1 mmol/L(NOTE)\*

**Potassium Replacement PO**

- +1 Hours** potassium chloride  
*40 mEq, ER Tablet, PO, q4h, PRN Other, specify in Comment, Routine*  
*Comments: serum potassium less than 3.6 mmol/L but greater than 3 mmol/L (total dose 80 mEq), Give 40mEq and repeat in 4 hours for a total of 80mEq for each lab level ordered.*

**Potassium Replacement Infusion**

- +1 Hours** potassium chloride  
*40 mEq, IV Piggyback, IV Piggyback, once, PRN Other, specify in Comment, Routine, ( infuse over 4 hr ), Max daily dose = 80mEq*  
*Comments: For use if unable to tolerate PO. Give for potassium level less than 3.6 mmol/L but greater than 3 mmol/L (total dose 80 mEq), Infuse 40mEq over 4 hours.*
- +1 Hours** potassium chloride  
*40 mEq, IV Piggyback, IV Piggyback, q4h, PRN Other, specify in Comment, Routine, ( infuse over 4 hr ), Max daily dose = 80mEq*  
*Comments: Give for potassium level less than 3 mmol/L, (infuse over 4 hr), Max daily dose = 80mEq*
- Nursing Communication  
*POTASSIUM replacement INFUSION: Place order for and collect potassium level one hour after completion of infusion.*

**Magnesium Replacement PO**

- +1 Hours** magnesium oxide  
*400 mg, Tab, PO, q8h, PRN Other, specify in Comment, Routine*  
*Comments: Give for magnesium level less than 1.8 mg/dL but greater than 1.2 mg/dL (total dose 1200 mg) Total of 3 doses for each lab level ordered*

**Magnesium Replacement Infusion**

- +1 Hours** magnesium sulfate  
*2 g, IV Piggyback, IV Piggyback, q2h, PRN Other, specify in Comment, Routine, ( infuse over 2 hr ), magnesium level less than 1.8 mg/dL but greater than 1.2 mg/dL (total*  
*Comments: Give magnesium level less than 1.8 mg/dL but greater than 1.2 mg/dL, (infuse over 2 hr),Comment: If unable to tolerate PO may give IV. Only 1 dose given per lab level*
- +1 Hours** magnesium sulfate  
*4 g, IV Piggyback, IV Piggyback, q4h, PRN Other, specify in Comment, Routine, ( infuse over 4 hr ), magnesium level less than 1.2 mg/dL*  
*Comments: Give for magnesium level less than 1.2 mg/dL, (infuse over 4 hr) Only 1 dose given per lab level*





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Laboratory

NOTE: If potassium level is less than 3.5 mmol/L and magnesium level unknown, place order below.(NOTE)\*

- Magnesium Level  
*STAT, T;N, once, Type: Blood*

Consults/Notifications/Referrals

- Notify Physician-Continuing  
*Notify For: If after replacement potassium level is less than is 3 mmol/L*
- Notify Physician-Continuing  
*Notify For: If after replacement magnesium level is less than 1.5 mg/dL*

Date	Time	Physician's Signature	MD Number
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\*Report Legend:

- DEF - This order sentence is the default for the selected order
- GOAL - This component is a goal
- IND - This component is an indicator
- INT - This component is an intervention
- IVS - This component is an IV Set
- NOTE - This component is a note
- Rx - This component is a prescription
- SUB - This component is a sub phase, see separate sheet
- R-Required order

