



# Treatment Protocol

# 4501

Effective  
**April 1, 2018**

Expires  
**March 31, 2019**

Policy:  
**Hypoglycemia with Altered Mental Status**

Approval: Medical Director  
**Reza Vaezazizi, MD**

Signed

Applies To:  
**PSP, EMT, AEMT, PM, MICN, BHP, EMS System**

Approval: REMSA Director  
**Bruce Barton**

Signed

**Enter from the Universal Patient Treatment Protocol**  
*For specific Emergency Stabilization or Patient Management of Hypoglycemia with Altered Mental Status*

P	E	A	P
S	M	E	M
P	T	M	M

## Pertinent Findings

<b>Environment</b> <i>Oral hypoglycemic agents</i> <i>Insulin (in refrigerator)</i> <i>Medical alert tag</i> <i>Glucagon rescue kit</i>	<b>History</b> <i>Downtime, last meal, last meds</i> <i>History of diabetes</i> <i>Hunger</i> <i>Inappropriate behavior</i>	<b>Physical</b> <i>Altered mental status</i> <i>Pallor, diaphoresis</i> <i>Seizures</i> <i>Trauma</i>	<b>Differential</b> <i>Alcohol, Epilepsy, Insulin, Overdose, Uremia, Trauma, Infection, Psychosis, Stroke</i>
---	---	---	--

## Emergency Stabilization or Patient Management

*Assure that patient can protect airway against aspiration*

Glucose Gel PO  
 For suspected hypoglycemia with altered mental status  
 See the REMSA Calculation Chart for concentration, and patient specific dosage and volume  
 May repeat as clinically indicated

	E	A	P
	M	E	M
	T	M	M

*Assure IV patency*

Dextrose 10% IV/IO bolus drip  
 (may substitute Dextrose 50%, 25%, or 10% slow IV/IO push)  
 For blood glucose less than 80 mg/dL in adults, 70 mg/dL in pediatrics, with altered mental status  
 See the REMSA Calculation Chart for concentration, and patient specific dosage and volume  
 May repeat as clinically indicated

Glucagon IM or SQ  
 When unable to administer Dextrose  
 For blood glucose less than 80 mg/dL in adults, 70 mg/dL in pediatrics, with altered mental status  
 See the REMSA Calculation Chart for concentration, and patient specific dosage and volume  
Repetition requires a base hospital order (BHO)

		A	P
		E	M
		M	M

Glucose Gel PO  
 When unable to administer Dextrose or Glucagon  
 For blood glucose less than 80 mg/dL in adults, 70 mg/dL in pediatrics, with altered mental status  
 See the REMSA Calculation Chart for concentration, and patient specific dosage and volume  
 May repeat as clinically indicated

B



<b>Return to Universal Patient Treatment Protocol</b> <i>For continuing Scene Management, Emergency Stabilization, Patient Disposition, or Patient Management</i>	<b>P</b> <b>S</b> <b>P</b>	<b>E</b> <b>M</b> <b>T</b>	<b>A</b> <b>E</b> <b>M</b> <b>T</b>	<b>P</b> <b>M</b>
--	----------------------------------	----------------------------------	--	----------------------

<b>***** Base Hospital Orders *****</b>				
Initiate, repeat, or modify standing orders within scope of practice As ordered		<b>E</b> <b>M</b> <b>T</b>	<b>A</b> <b>E</b> <b>M</b> <b>T</b>	<b>P</b> <b>M</b>
Assess, clarify, monitor, treat within scope of practice, and determine or change disposition and/or destination As ordered				
Mode of transport is an operational decision				