

Conway Medical Center
Conway, South Carolina
PHYSICIAN'S ORDERS
Insulin Drip Protocol
Critical Care Areas

Center Patient Admission
Label Here

1. Initial infusion rate is ordered by M.D. Usual initial rate between 2-8 units/hr. Begin q 1 hour finger stick glucose monitoring at start of infusion
2. Numbers on the left side of the chart refer to the previous hours finger stick glucose reading. Those on the bottom refer to the current hours reading
3. Using the table match up the previous reading with the current reading and follow instructions in the box.
4. Infusion rate adjustments are listed on the bottom table (e.g. changes by $\frac{3}{4}$, $\frac{1}{2}$, $\frac{1}{4}$) All drip rates are in whole numbers and Units/hour.
5. If blood glucose is greater than 400 recheck blood glucose before insulin adjustments are made.
6. If no change in drip rate for 3 consecutive hours, decrease finger sticks to q 2 hr. If subsequent BG reading leads to a change in drip rate resume q 1 hr

Previous FSBS reading	Greater than 400	Hold drip & call MD	Hold drip & call MD	Hold drip & call MD	Hold drip for 1 hr, restart at ¼ rate	Hold drip for 1 hr, restart at ½ rate	Decrease drip to ¾ current rate	No Change	Give 4 units regular insulin IV bolus, increase drip rate by 2 units/hr
	301-400	Call MD	Hold drip for 1 hr, restart at ¼ rate	Hold drip for 1 hr, restart at ¼ rate	Hold drip for 1 hr, restart at ½ rate	Decrease drip to ½ current rate	No Change	Give 2 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 5 units regular insulin IV bolus, increase drip rate by 2 units/hr
	241-300	Call MD	Hold drip for 1 hr, restart at ¼ rate	Hold drip for 1 hr, restart at ½ rate	Decrease rate to ½ current rate	No Change	Increase rate by 2 units/hr	Give 3 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 6 units regular insulin IV bolus, increase drip rate by 2 units/hr
	201-240	Hold drip for 1 hour, restart at ¼ rate	Hold drip for 1 hour, restart at ½ rate	Hold drip for 1 hour, restart at ¾ rate	No Change	Increase rate by 1 unit/hr	Give 2 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 4 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 7 units regular insulin IV bolus, increase drip rate by 2 units/hr
	161-200	Hold drip for 1 hour, restart at ¼ rate	Hold drip 30 min restart at ½ rate	Decrease drip to ¾ current rate	Increase rate by 1 unit/hr	Increase rate by 2 unit/hr	Give 3 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 5 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 8 units regular insulin IV bolus, increase drip rate by 2 units/hr
	121-160	Hold drip for 1 hr, restart at ½ rate	Decrease drip to ¾ current rate	1 st hour this box no change. All subsequent hours this box increase rate by 1 unit/hr	Increase rate by 1 unit/hr	Give 2 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 4 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 6 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 9 units regular insulin IV bolus, increase drip rate by 2 units/hr
	81-120	Hold drip 30 min restart at ½ rate	No Change	Increase rate by 1 unit/hr	Increase rate by 2 unit/hr	Give 3 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 5 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 7 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 10 units regular insulin IV bolus, increase drip rate by 2 units/hr
	60-81	Call MD	No Change	Increase rate by 1 unit/hr	Give 2 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 4 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 6 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 8 units regular insulin IV bolus, increase drip rate by 2 units/hr	Give 11 units regular insulin IV bolus, increase drip rate by 2 units/hr
		60-81	81-120	121-160	161-200	201-240	241-300	301-400	Greater than 400
Current FSBS reading									

Insulin Drip Rate Adjustment Table

		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
New Drip Rate	$\frac{3}{4}$ Rate	Shut off/call MD	1	2	3	4	4	5	6	7	8	8	9	10	11	11	12	13	13	14	15	16	17
	$\frac{1}{2}$ Rate	Shut off/call MD	1	1	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	9	10	10	11
	$\frac{1}{4}$ Rate	Shut off/call MD	Shut off/call MD	Shut off/call MD	1	1	2	2	2	2	3	3	3	4	4	4	4	4	4	5	5	5	5

Physician Signature

Date

Time