

LIVER TRANSPLANT INPATIENT HYPERGLYCEMIA PROTOCOL SUMMARY (See full protocol)

OLT Patient Population	Criteria	Insulin Protocol	Protocol Details		Adjustments	
			Insulin Type & Frequency	Dose Amount / Strength of Correction		
Immediate post OLT	All patients	Insulin Drip	Regular	Continuous drip	Use transition criteria to transfer off drip to other insulin protocols	
Suggested strategy below, but transition per SICU team						
Transition to subcut insulin per SICU team when (one of): 1) Taking PO 2) Transfer to the floor 3) Low insulin drip req. (<20 units/day) 4) Long SICU stay with stable blood sugars 5) Prescriber discretion	Extrapolate 24 hour insulin requirement	<20 units	Correction	Select based on intake 1) NPO/continuous TF = Regular insulin q 6 hrs 2) PO = Humalog ACHS	LOW DOSE correction	
		≥20 units	Basal + Correction	<u>Basal Protocol</u> -NPH insulin BID preferred (AM dose>PM dose, e.g., 2:1) -may transition to home basal where applicable -may add bolus for insulin-experienced pts <u>Correction Protocol</u> Select based on intake 1) NPO, continuous tube feeds = Regular insulin q 6 hrs 2) PO = Humalog ACHS	<u>Basal Protocol</u> Total daily bolus dose = 40% of actual 24-hour insulin requirement <u>Correction Protocol</u> Based on actual 24h insulin requirements: LOW = <40 units/day MEDIUM = 40-80 units/day HIGH = >80 units/day	<u>Basal Protocol</u> Goal FSBG 100-180 ac&hs 1) @ goal = no change 2) > goal = if using ≥ 5 units of correction, add approx. 40% of 24-hr correction requirement to dose 3) < goal = decrease dose as appropriate 4) NPH only: Adjust AM and PM doses independently
At Discharge	Discharge insulin determined on day of discharge based on prior 24-48 hours	Basal + Correction	Basal + Correction	As above	As above	Per Endocrine NP, outpatient team discretion
		Correction Only	FSBG > 200	Humalog (may substitute with Novolog if insurance prefers)	LOW DOSE correction	
			No FSBG > 200	No INSULIN. Check FSBG ac&hs. Call if above 150 x 3 consecutive readings or any reading above 250.		

Note: Use the following EPIC order sets: GEN IP INSULIN INFUSION PROTOCOL (insulin drip), BASAL, BOLUS, CORRECTION (BBC) for all other insulin protocols