

GlycemicControl.net

Your Complete Resource for Optimized Glycemic Control



www.glycemiccontrol.net

Protocol Origin		Insulin Infusion		Goal: 101-150 mg/dL			
Henry Ford		U	1 U/mL	< 65 mg/dL = Hypoglycemia: stop IIT, give D50W IV 25-50 ml			
Hospital				1-3 U/h	Action	>3 U/h	Action
	151-199	0	2	<65	Off	<65	Off
Start:	200-250	3	2	65-80	DC, ck 1hr	65-80	DC, ck 1hr, 50% IIT
BG>150 x3	251-300	6	3	81-100	DC,ck 1hr,SSI>120	81-100	50% IIT
BG>200 x1	301-350	9	3	1-9 U/h	Action	>9 U/h	Action
	>350	10	4	101-125	DM same, nDM decr 2U	101-125	DM same, nDM decr 50%
				126-150	DM same, nDM decr 2U	126-150	DM same, nDM decr 2U
DC: stable 8-12 hr, start SSI, ck q 2hr; if >150 three times, restart IIT							
				1-5 U/h	6-10 U/h	11-16 U/h	>16 U/h
				151-200	incr 1U/h	incr 2 U/h	incr 2 U/h
				201-250	incr 1U/h, 3U IVP	incr 2U/h, 5U IVP	incr 2U/h, 5U IVP
				251-300	incr 1U/h, 8U IVP	incr 2U/h, 8U IVP	incr 2U/h, 8U IVP
				301-350	incr 1U/h, 10U IVP	incr 2U/h, 10U IVP	incr 2U/h, 10U IVP
				>350	incr 2U/h, 10U IVP	incr 3U/h, 10U IVP	incr 3U/h, 10U IVP
Start:		Sliding Scale Nomogram		Converting to Subcutaneous Insulin from IIT			
BG > 200 on IIT	mg/dL	IVP	IIT U/hr	No History of Insulin (Oral or no medication)			
	<60	0		Time	Insulin	Dose	
	61-119	0		1 h before DC	regular	5 U if BG > 120	
	120-150	2		Start SSI	glargine (Lantus)	10 U	
	151-200	4			aspart (Novolog)		
	201-250	6	2 U/hr				
	251-300	8	3 U/hr				
	301-400	10	4 U/hr	History of Insulin use at Home			
	>400	Call MD		Insulin-dependent, type 1 or 2			
				Time	Insulin	Dose	
				Day 1-2 or IIT	regular	5 U if BG > 120	
				SSI	aspart (Novolog)	SSI	
					NPH	1/2 insulin dose	1/2 AM home dose
					glargine (Lantus)	1/2 home dose	1/2 PM home dose