Protocol Origin	Insulin Infusion			InsulinTtitration			
	Glucose (mg/dL)	Insulin (U/h)	Time	Blood Glucose	Action		
Portland Protocol (1999)	Goal: <150 mg/dL	1U/ml soln					
Diabetic Paitents	blood glucose	IIT infusion					
Perioperatively to	<150	0	q 2hr	<75	stop IIT, 25ml D50W, 30 min if >150, IIT at 50%		
Post-operative Day 2	150-200	1	q 2hr	75-100	stop IIT, 30 min if >150, IIT at 50%		
Post-operative Day 3	201-250	2	q 1hr	101-150	decr IIT if <10% lower than prev, decr IIT 0.5u/hr		
restart diabetic meds	>251	3	q 1hr	101-150	if > 10% lower, decr IIT 50%		
restart diabetic diet				151-200	no change		
stop testing				201-250	if lower, no change, if < 10% lower or higher incr 1u/hr		
				>250	if > 10% lower, no change, if < 10% or higher incr 1u/hr		
Undiagnosed, BG > 200				>251	if no decr at 3 hr, double IIT		
start protocol							
consult endocrine							
Portland Protocol (2001)	Goal:100-150mg/dL	1U/ml soln					
Diabetic Paitents*	blood glucose	bolus - infusion					
Perioperatively to	80-119	0 - 0.5^ 1*	q 1hr	<50	stop IIT, 25ml D50W, 30 min if >75, IIT at 50%		
Post-operative Day 2	120-179	0 - 1^ 2*	q 1hr	50-75	stop IIT, 30 min if prior >100, 25ml D50. > 75, IIT at 50%		
restart diabetic diet	180-239	0 - 2^ 3.5*	q 30 min	75-100	< 10 lower than prior, decr IIT 0.5 u/hr; >10 decr ITT 50%		
sq humalog 3U pc for <50%	240-299	4 - 3.5^ 5*	q 30 min	75-100	if same, no change		
sq humalog 6U pc for >50%	300-359	8 - 5^ 6.5*	q 30 min	101-150	no change		
Post-operative Day 3	≥ 360	12 - 6.5^ 8*	q 30 min	151-200	if 20 < prior, no change, otherwise, incr 0.5 U/h		
restart diabetic meds				>200	if 30 < prior or > prior, incr 1 U/h, if same for 3hr, double IIT		
				>240	bolus and IIT		
Undiagnosed^, BG > 200							
start protocol							
consult endocrine							