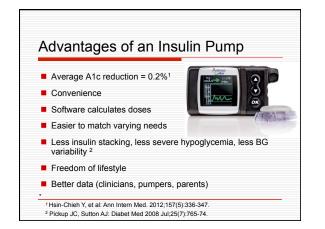
## The Latest on Pumps,<br/>CGMs, and ConnectivityFort McMurray<br/>Nov 12, 2014Fort McMurray<br/>Nov 12, 2014Colspan="2">Colspan="2"Colspan="2">Colspan="2"Colspan="2">Colspan="2"<tr/<td colspan="2"</td><td col

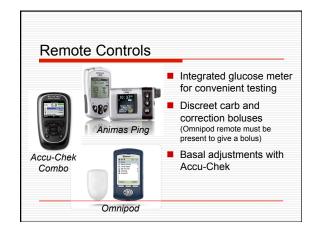
Thanks to Animas Canada for supporting this presentation. View slides at www.diabetesnet.com/diabetes-resources/diabetes-presentations

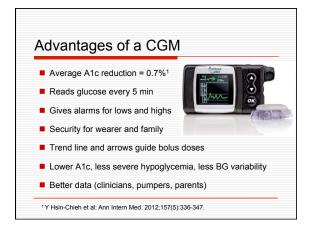




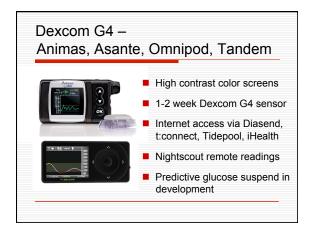


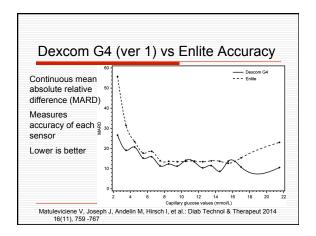


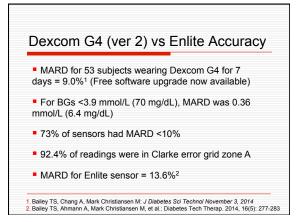


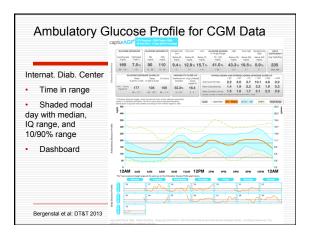


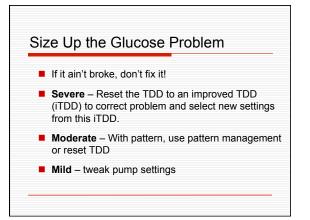


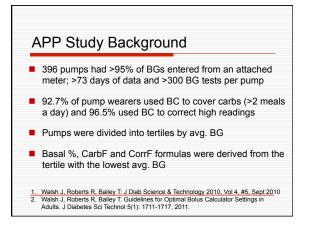




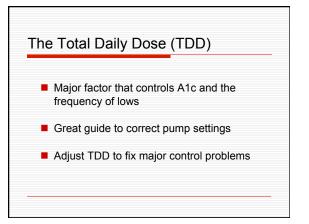


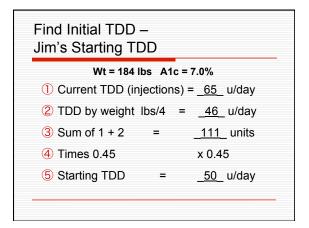


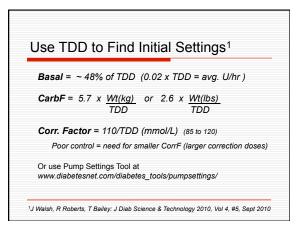


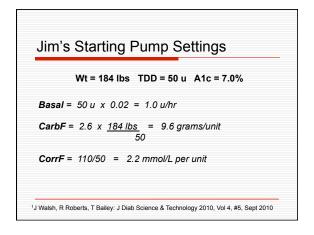


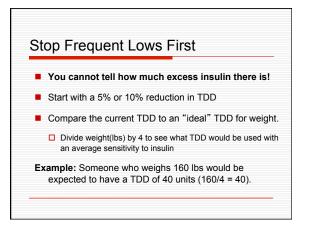
	nsulin and C	arb Data		
Group:	All 396 Pumps	Low Third	Mid Third	High Third
Avg. Meter BG	184 mg/10.2 mmol	144 mg/dL (8.0)	181 mg/dL (10.0)	227mg/dL (12.6
BG Tests/Day	4.38	4.73	4.41	4.01
TDD	49.4	47.9	49.1	51.1
Basal %	47.6%	47.6%	47.2%	47.8%

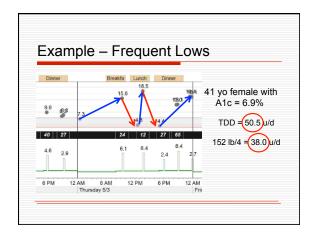


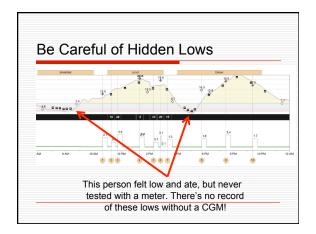


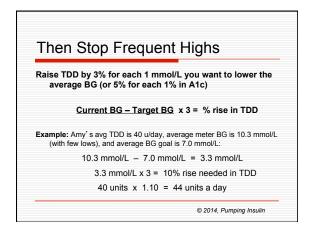


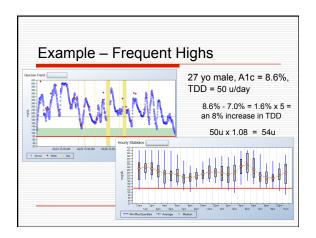


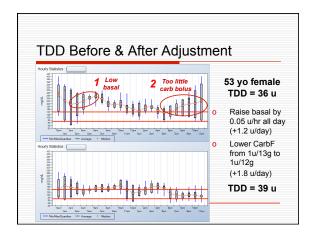




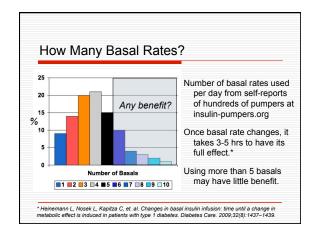


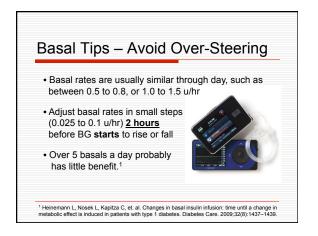


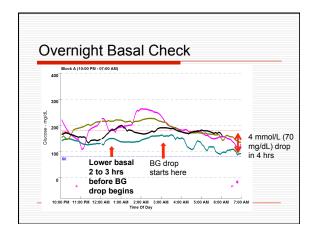


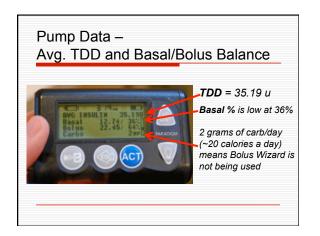


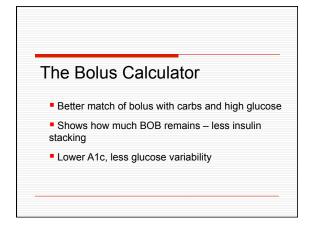




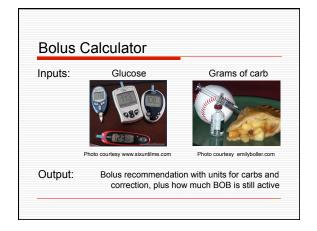


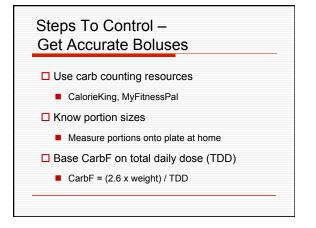


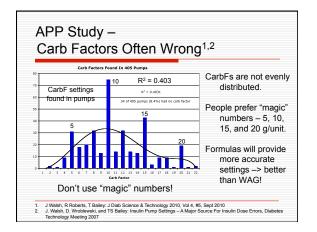


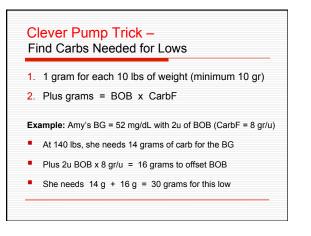


В	olus Calculato	or Settings	
	This Setting	Helps	
	Basal rates	Sound sleep	
	CarbF or I:C ratio	Cover carbs well	
	CorrF or ISF	Lower highs safely	
	Target glucose	BG goal 4-5 hrs later	
	DIA	Minimize insulin stacking	
	The average TDD determine	nes how often highs and lows occur	



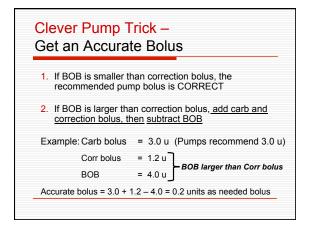


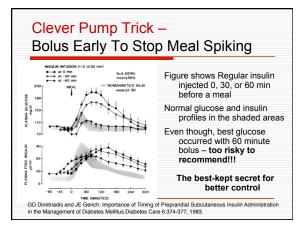


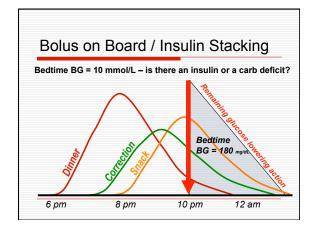


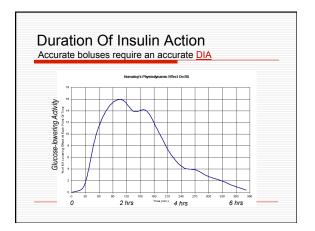
mp BC M cess Bolu		n	
Glucose	Units Needed	Animas	Other Pumps
#1: 5.9 mmol/L	0 u	0 u	5 u
#2: 6.1 mmol/L	0 u	5 u	5 u
#3: 12 mmol/L	2 u	5 u	5 u
#4: 18 mmol/L	4 u	5 u	5 u
Pump wearer e with 5u of BOB shown for each needed and the	on 4 consec night, along	utive nights with the ac	. BG at that ti tual bolus

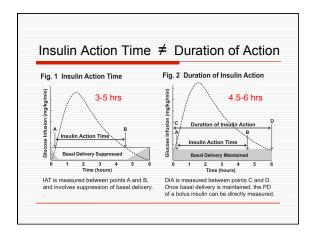
## Verify Bolus RecommendationsBolus on board (BOB) = glucose-<br/>lowering activity that remains<br/>from recent bolusesImage: State of the state of the



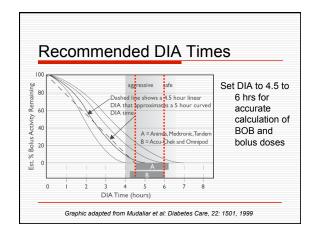


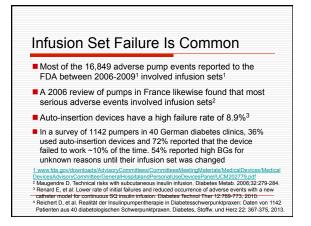


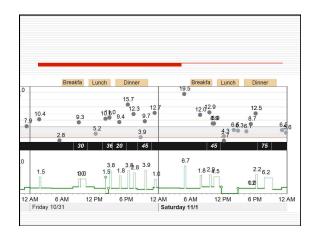




How much BOB a 10 unit bolus for tl			3 hours af	ter a
	Pump's estimate of Insulin On Board			
If DIA is set to:	3 hr	4.5 hr	5.0 hr	5.5 hr
Estimated BOB is:	0 u	2.5 u	3.4 u	4.0 u









## Is The Infusion Set The Problem?

- Sites often "go bad"?
- Have "scarring" or "poor absorption"?
- Often have 2 or more unexplained highs in a row?
- Do correction boluses sometimes not work?
- Have high BGs until set is changed?



