

Continuous subcutaneous insulin infusion via an insulin pump in extremely premature neonates — a case series

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CORRECTION

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Correction: Continuous subcutaneous insulin infusion via an insulin pump in extremely premature neonates—a case series

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The original publication of this article [1] contained an error in Fig. 2. The unit for "glucose infusion rate" was in $\mu g/kg/min$, whereas it should be in mg/kg/min. The original article has been updated to correct this error and the correct figure is shown in this correction article.

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Reference

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Weight g	Weight g 500		Name:			Date:						
Insulin 10) IU/ml											
Pump	COMBO /ROC	HE			display	real	Glucose	Needle insertion	11	Doctor:	Insulin cartridge installation:	
IU_pump/h	IU/kg/h	ml/h	Time	Glycemia	pump	dose	Infusion rate	Date:	Hour:		Date: Hour:	
		100			IU pump/h	IU/kg/h	mg/kg/min	Site:			insulin 10 IU/ml, Volume 10 ml	
0.05	0.010	0.0005						Comments:			n°lot:	
0.06	0.012	0.0006										
0.07	0.014	0.0007						Needle removal	:		Cartridge removal :	
0.08	0.016	0.0008						Date:	Hour:		Scheduled:	
0.09	0.018	0.0009						Site:			Done:	
0.10	0.020	0.0010						Scheduled / nee	ded / ac	cidental		
0.12	0.024	0.0012						Comments:			Bacteriology:	
0.14	0.028	0.0014										
0.16	0.032	0.0016						Warning:				
0.18	0.036	0.0018						Any needle or cartridge change must be supervised by a physician specifically trained				
0.20	0.040	0.0020						A new prescripti	on sheet	must be issued	l on this occasion	
0.24	0.048	0.0024										
0.28	0.056	0.0028						Warning: Any rapid change in glycemia should be evaluated by a trained physician.				
0.32	0.064	0.0032										
0.36	0.072	0.0036										
0.40	0.080	0.0040						In case of hypoglycemia , turn off the pump without disconnecting it or removing the needle. Correct the hypoglycemia and monitor blood sugar every 15 minutes.				
0.45	0.090	0.0045										
0.50	0.100	0.0050										
0.60	0.120	0.0060										
0.70	0.140	0.0070						Needle insertion : The procedure must be performed with of a trained physician. The insertion of a new needle necessarily requires a new cartridge. Never insert a new needle if blood glucose is <12mmol/I. The purge during new needle insertion is 0.45UI_pump. Check glycemia every 30 minutes after inserting a new needle.				
0.80	0.160	0.0080										
0.90	0.180	0.0090										
1.00	0.200	0.0100										
1.20	0.240	0.0120										
1.40	0.280	0.0140										
1.60	0.320	0.0160										
1.80	0.360	0.0180						General comme	nts:			
2.00	0.400	0.0200										
2.40	0.480	0.0240										
2.80	0.560	0.0280										
3.20	0.640	0.0320										
3.60	0.720	0.0360										
4.00	0.800	0.0400										
4.50	0.900	0.0450										
5.00	1.000	0.0500										
5.50	1.100	0.0550										
6.00	1.200	0.0600										
7.00	1.400	0.0700										
8.00	1.600	0.0800			L							
9.00	1.800	0.0900										
10.00	2.000	0.1000										

Fig. 2 Microsoft Excel[®] spreadsheet used to convert information displayed on the pump to the real dose delivered to the patient