

INSULIN 0.25 units/mL**Menu for
>2.0 kg - 5 kg**

Usual Dose: 0.01 - 0.2 units/kg/hr

Note: Monitor blood glucose levels

		Doses are units/kg/hr														
Weight	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.1	0.12	0.14	0.16	0.2	0.2	
2.1 kg	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.8	1.	1.2	1.3	1.5	1.7	
2.2 kg	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.2	1.4	1.6	1.8	
2.3 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	0.9	1.1	1.3	1.5	1.7	1.8	
2.4 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.3	1.5	1.7	1.9	
2.5 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.4	1.6	1.8	2.	
2.6 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.5	1.7	1.9	2.1	
2.7 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.8	0.9	1.	1.1	1.3	1.5	1.7	1.9	2.2	
2.8 kg	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.	1.1	1.3	1.6	1.8	2.	2.2	
2.9 kg	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.4	1.6	1.9	2.1	2.3	
3 kg	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.	1.1	1.2	1.4	1.7	1.9	2.2	2.4	
3.1 kg	0.1	0.2	0.4	0.5	0.6	0.7	0.9	1.	1.1	1.2	1.5	1.7	2.	2.2	2.5	
3.2 kg	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.	1.2	1.3	1.5	1.8	2.	2.3	2.6	
3.3 kg	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.3	1.6	1.8	2.1	2.4	2.6	
3.4 kg	0.1	0.3	0.4	0.5	0.7	0.8	1.	1.1	1.2	1.4	1.6	1.9	2.2	2.4	2.7	
3.5 kg	0.1	0.3	0.4	0.6	0.7	0.8	1.	1.1	1.3	1.4	1.7	2.	2.2	2.5	2.8	
3.6 kg	0.1	0.3	0.4	0.6	0.7	0.9	1.	1.2	1.3	1.4	1.7	2.	2.3	2.6	2.9	
3.7 kg	0.1	0.3	0.4	0.6	0.7	0.9	1.	1.2	1.3	1.5	1.8	2.1	2.4	2.7	3.	
3.8 kg	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.8	2.1	2.4	2.7	3.	
3.9 kg	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6	1.9	2.2	2.5	2.8	3.1	
4 kg	0.2	0.3	0.5	0.6	0.8	1.	1.1	1.3	1.4	1.6	1.9	2.2	2.6	2.9	3.2	
4.1 kg	0.2	0.3	0.5	0.7	0.8	1.	1.1	1.3	1.5	1.6	2.	2.3	2.6	3.	3.3	
4.2 kg	0.2	0.3	0.5	0.7	0.8	1.	1.2	1.3	1.5	1.7	2.	2.4	2.7	3.	3.4	
4.3 kg	0.2	0.3	0.5	0.7	0.9	1.	1.2	1.4	1.5	1.7	2.1	2.4	2.8	3.1	3.4	
4.4 kg	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.1	2.5	2.8	3.2	3.5	
4.5 kg	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.2	2.5	2.9	3.2	3.6	
4.6 kg	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.8	2.2	2.6	2.9	3.3	3.7	
4.7 kg	0.2	0.4	0.6	0.8	0.9	1.1	1.3	1.5	1.7	1.9	2.3	2.6	3.	3.4	3.8	
4.8 kg	0.2	0.4	0.6	0.8	1.	1.2	1.3	1.5	1.7	1.9	2.3	2.7	3.1	3.5	3.8	
4.9 kg	0.2	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2.	2.4	2.7	3.1	3.5	3.9	
5 kg	0.2	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2.	2.4	2.8	3.2	3.6	4.	

Values are mL/hr

DILUTION EQUIVALENTS:

0.25 units/mL

12.5 units/50 mL

TO CHECK:

$$\frac{(\text{WT} \times \text{UNITS/KG/HR})}{0.25} = \text{ML/HR}$$

HIGH ALERT MEDICATION:

Two independent checks of calculations and dose preparation prior to initiating infusion.

Two independent checks of pump setting before initiating infusion.

Independent check that patient is receiving correct dose upon assuming care of the patient.

INSULIN 1 unit/mL**Menu for
>5.0 kg - 20 kg**

Usual Dose: 0.01 - 0.2 units/kg/hr

Note: Monitor blood glucose levels

Weig	Doses are units/kg/hr														
	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.1	0.12	0.14	0.16	0.18	0.2
5.1 kg	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.
5.5 kg	0.1	0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.1
6 kg	0.1	0.1	0.2	0.2	0.3	0.4	0.4	0.5	0.5	0.6	0.7	0.8	1.	1.1	1.2
6.5 kg	0.1	0.1	0.2	0.3	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.3
7 kg	0.1	0.1	0.2	0.3	0.4	0.4	0.5	0.6	0.6	0.7	0.8	1.	1.1	1.3	1.4
7.5 kg	0.1	0.2	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.1	1.2	1.4	1.5
8 kg	0.1	0.2	0.2	0.3	0.4	0.5	0.6	0.6	0.7	0.8	1.	1.1	1.3	1.4	1.6
8.5 kg	0.1	0.2	0.3	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.4	1.5	1.7
9 kg	0.1	0.2	0.3	0.4	0.5	0.5	0.6	0.7	0.8	0.9	1.1	1.3	1.4	1.6	1.8
9.5 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.1	1.3	1.5	1.7	1.9
10 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.4	1.6	1.8	2.
11 kg	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.1	1.3	1.5	1.7	1.9	2.1
11 kg	0.1	0.2	0.3	0.4	0.6	0.7	0.8	0.9	1.	1.1	1.3	1.5	1.8	2.	2.2
12 kg	0.1	0.2	0.3	0.5	0.6	0.7	0.8	0.9	1.	1.2	1.4	1.6	1.8	2.1	2.3
12 kg	0.1	0.2	0.4	0.5	0.6	0.7	0.8	1.	1.1	1.2	1.4	1.7	1.9	2.2	2.4
13 kg	0.1	0.3	0.4	0.5	0.6	0.8	0.9	1.	1.1	1.3	1.5	1.8	2.	2.3	2.5
13 kg	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.	1.2	1.3	1.6	1.8	2.1	2.3	2.6
14 kg	0.1	0.3	0.4	0.5	0.7	0.8	0.9	1.1	1.2	1.4	1.6	1.9	2.2	2.4	2.7
14 kg	0.1	0.3	0.4	0.6	0.7	0.8	1.	1.1	1.3	1.4	1.7	2.	2.2	2.5	2.8
15 kg	0.1	0.3	0.4	0.6	0.7	0.9	1.	1.2	1.3	1.5	1.7	2.	2.3	2.6	2.9
15 kg	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.5	1.8	2.1	2.4	2.7	3.
16 kg	0.2	0.3	0.5	0.6	0.8	0.9	1.1	1.2	1.4	1.6	1.9	2.2	2.5	2.8	3.1
16 kg	0.2	0.3	0.5	0.6	0.8	1.	1.1	1.3	1.4	1.6	1.9	2.2	2.6	2.9	3.2
17 kg	0.2	0.3	0.5	0.7	0.8	1.	1.2	1.3	1.5	1.7	2.	2.3	2.6	3.	3.3
17 kg	0.2	0.3	0.5	0.7	0.9	1.	1.2	1.4	1.5	1.7	2.	2.4	2.7	3.1	3.4
18 kg	0.2	0.4	0.5	0.7	0.9	1.1	1.2	1.4	1.6	1.8	2.1	2.5	2.8	3.2	3.5
18 kg	0.2	0.4	0.5	0.7	0.9	1.1	1.3	1.4	1.6	1.8	2.2	2.5	2.9	3.2	3.6
19 kg	0.2	0.4	0.6	0.7	0.9	1.1	1.3	1.5	1.7	1.9	2.2	2.6	3.	3.3	3.7
19 kg	0.2	0.4	0.6	0.8	1.	1.1	1.3	1.5	1.7	1.9	2.3	2.7	3.	3.4	3.8
20 kg	0.2	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2.	2.3	2.7	3.1	3.5	3.9
20 kg	0.2	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2.	2.4	2.8	3.2	3.6	4.

Values are mL/hr

DILUTION EQUIVALENTS:1 unit/mL
50 units/50 mL**TO CHECK:**

$$\frac{(WT \times \text{UNITS/KG/HR})}{1} = \text{ML/HR}$$

HIGH ALERT MEDICATION:

Two independent checks of calculations and dose preparation prior to initiating infusion.
 Two independent checks of pump setting before initiating infusion.
 Independent check that patient is receiving correct dose upon assuming care of the patient.

INSULIN 1 unit/mL**Menu for
>20.0 kg - 50 kg**

Usual Dose: 0.01 - 0.2 units/kg/hr

Note: Monitor blood glucose levels

Wei	Doses are units/kg/hr															Values are mL/hr
	0.01	0.02	0.03	0.04	0.05	0.06	0.1	0.08	0.09	0.1	0.12	0.14	0.16	0.18	0.2	
21 kg	0.2	0.4	0.6	0.8	1.	1.2	1.4	1.6	1.8	2.1	2.5	2.9	3.3	3.7	4.1	
21 kg	0.2	0.4	0.6	0.8	1.1	1.3	1.5	1.7	1.9	2.1	2.5	2.9	3.4	3.8	4.2	
22 kg	0.2	0.4	0.7	0.9	1.1	1.3	1.5	1.8	2.	2.2	2.6	3.1	3.5	4.	4.4	
23 kg	0.2	0.5	0.7	0.9	1.2	1.4	1.6	1.8	2.1	2.3	2.8	3.2	3.7	4.1	4.6	
24 kg	0.2	0.5	0.7	1.	1.2	1.4	1.7	1.9	2.2	2.4	2.9	3.4	3.8	4.3	4.8	
25 kg	0.3	0.5	0.8	1.	1.3	1.5	1.8	2.	2.3	2.5	3.	3.5	4.	4.5	5.	
26 kg	0.3	0.5	0.8	1.	1.3	1.6	1.8	2.1	2.3	2.6	3.1	3.6	4.2	4.7	5.2	
27 kg	0.3	0.5	0.8	1.1	1.4	1.6	1.9	2.2	2.4	2.7	3.2	3.8	4.3	4.9	5.4	
28 kg	0.3	0.6	0.8	1.1	1.4	1.7	2.	2.2	2.5	2.8	3.4	3.9	4.5	5.	5.6	
29 kg	0.3	0.6	0.9	1.2	1.5	1.7	2.	2.3	2.6	2.9	3.5	4.1	4.6	5.2	5.8	
30 kg	0.3	0.6	0.9	1.2	1.5	1.8	2.1	2.4	2.7	3.	3.6	4.2	4.8	5.4	6.	
31 kg	0.3	0.6	0.9	1.2	1.6	1.9	2.2	2.5	2.8	3.1	3.7	4.3	5.	5.6	6.2	
32 kg	0.3	0.6	1.	1.3	1.6	1.9	2.2	2.6	2.9	3.2	3.8	4.5	5.1	5.8	6.4	
33 kg	0.3	0.7	1.	1.3	1.7	2.	2.3	2.6	3.	3.3	4.	4.6	5.3	5.9	6.6	
34 kg	0.3	0.7	1.	1.4	1.7	2.	2.4	2.7	3.1	3.4	4.1	4.8	5.4	6.1	6.8	
35 kg	0.4	0.7	1.1	1.4	1.8	2.1	2.5	2.8	3.2	3.5	4.2	4.9	5.6	6.3	7.	
36 kg	0.4	0.7	1.1	1.4	1.8	2.2	2.5	2.9	3.2	3.6	4.3	5.	5.8	6.5	7.2	
37 kg	0.4	0.7	1.1	1.5	1.9	2.2	2.6	3.	3.3	3.7	4.4	5.2	5.9	6.7	7.4	
38 kg	0.4	0.8	1.1	1.5	1.9	2.3	2.7	3.	3.4	3.8	4.6	5.3	6.1	6.8	7.6	
39 kg	0.4	0.8	1.2	1.6	2.	2.3	2.7	3.1	3.5	3.9	4.7	5.5	6.2	7.	7.8	
40 kg	0.4	0.8	1.2	1.6	2.	2.4	2.8	3.2	3.6	4.	4.8	5.6	6.4	7.2	8.	
41 kg	0.4	0.8	1.2	1.6	2.1	2.5	2.9	3.3	3.7	4.1	4.9	5.7	6.6	7.4	8.2	
42 kg	0.4	0.8	1.3	1.7	2.1	2.5	2.9	3.4	3.8	4.2	5.	5.9	6.7	7.6	8.4	
43 kg	0.4	0.9	1.3	1.7	2.2	2.6	3.	3.4	3.9	4.3	5.2	6.	6.9	7.7	8.6	
44 kg	0.4	0.9	1.3	1.8	2.2	2.6	3.1	3.5	4.	4.4	5.3	6.2	7.	7.9	8.8	
45 kg	0.5	0.9	1.4	1.8	2.3	2.7	3.2	3.6	4.1	4.5	5.4	6.3	7.2	8.1	9.	
46 kg	0.5	0.9	1.4	1.8	2.3	2.8	3.2	3.7	4.1	4.6	5.5	6.4	7.4	8.3	9.2	
47 kg	0.5	0.9	1.4	1.9	2.4	2.8	3.3	3.8	4.2	4.7	5.6	6.6	7.5	8.5	9.4	
48 kg	0.5	1.	1.4	1.9	2.4	2.9	3.4	3.8	4.3	4.8	5.8	6.7	7.7	8.6	9.6	
49 kg	0.5	1.	1.5	2.	2.5	2.9	3.4	3.9	4.4	4.9	5.9	6.9	7.8	8.8	9.8	
50 kg	0.5	1.	1.5	2.	2.5	3.	3.5	4.	4.5	5.	6.	7.	8.	9.	10.	

DILUTION EQUIVALENTS:

1 unit/mL
50 units/50 mL

TO CHECK:

$$\frac{(\text{WT} \times \text{UNITS/KG/HR})}{1} = \text{ML/HR}$$

HIGH ALERT MEDICATION:

Two independent checks of calculations and dose preparation prior to initiating infusion.
Two independent checks of pump setting before initiating infusion.
Independent check that patient is receiving correct dose upon assuming care of the patient.

INSULIN 1 unit/mL**Menu for
>50 kg**

Usual Dose: 0.01 - 0.2 units/kg/hr

Note: Monitor blood glucose levels

Weight	Doses are units/kg/hr														
	0.01	0.02	0.03	0.04	0.05	0.06	0.07	0.08	0.09	0.1	0.12	0.14	0.16	0.18	0.2
### kg	0.5	1.	1.5	2.	2.5	3.	3.5	4.	4.5	5.1	6.1	7.1	8.1	9.1	10.1
51 kg	0.5	1.	1.5	2.	2.6	3.1	3.6	4.1	4.6	5.1	6.1	7.1	8.2	9.2	10.2
52 kg	0.5	1.	1.6	2.1	2.6	3.1	3.6	4.2	4.7	5.2	6.2	7.3	8.3	9.4	10.4
53 kg	0.5	1.1	1.6	2.1	2.7	3.2	3.7	4.2	4.8	5.3	6.4	7.4	8.5	9.5	10.6
54 kg	0.5	1.1	1.6	2.2	2.7	3.2	3.8	4.3	4.9	5.4	6.5	7.6	8.6	9.7	10.8
55 kg	0.6	1.1	1.7	2.2	2.8	3.3	3.9	4.4	5.	5.5	6.6	7.7	8.8	9.9	11.
56 kg	0.6	1.1	1.7	2.2	2.8	3.4	3.9	4.5	5.	5.6	6.7	7.8	9.	10.1	11.2
57 kg	0.6	1.1	1.7	2.3	2.9	3.4	4.	4.6	5.1	5.7	6.8	8.	9.1	10.3	11.4
58 kg	0.6	1.2	1.7	2.3	2.9	3.5	4.1	4.6	5.2	5.8	7.	8.1	9.3	10.4	11.6
59 kg	0.6	1.2	1.8	2.4	3.	3.5	4.1	4.7	5.3	5.9	7.1	8.3	9.4	10.6	11.8
60 kg	0.6	1.2	1.8	2.4	3.	3.6	4.2	4.8	5.4	6.	7.2	8.4	9.6	10.8	12.
61 kg	0.6	1.2	1.8	2.4	3.1	3.7	4.3	4.9	5.5	6.1	7.3	8.5	9.8	11.	12.2
62 kg	0.6	1.2	1.9	2.5	3.1	3.7	4.3	5.	5.6	6.2	7.4	8.7	9.9	11.2	12.4
63 kg	0.6	1.3	1.9	2.5	3.2	3.8	4.4	5.	5.7	6.3	7.6	8.8	10.1	11.3	12.6
64 kg	0.6	1.3	1.9	2.6	3.2	3.8	4.5	5.1	5.8	6.4	7.7	9.	10.2	11.5	12.8
65 kg	0.7	1.3	2.	2.6	3.3	3.9	4.6	5.2	5.9	6.5	7.8	9.1	10.4	11.7	13.
66 kg	0.7	1.3	2.	2.6	3.3	4.	4.6	5.3	5.9	6.6	7.9	9.2	10.6	11.9	13.2
67 kg	0.7	1.3	2.	2.7	3.4	4.	4.7	5.4	6.	6.7	8.	9.4	10.7	12.1	13.4
68 kg	0.7	1.4	2.	2.7	3.4	4.1	4.8	5.4	6.1	6.8	8.2	9.5	10.9	12.2	13.6
69 kg	0.7	1.4	2.1	2.8	3.5	4.1	4.8	5.5	6.2	6.9	8.3	9.7	11.	12.4	13.8
70 kg	0.7	1.4	2.1	2.8	3.5	4.2	4.9	5.6	6.3	7.	8.4	9.8	11.2	12.6	14.
71 kg	0.7	1.4	2.1	2.8	3.6	4.3	5.	5.7	6.4	7.1	8.5	9.9	11.4	12.8	14.2
72 kg	0.7	1.4	2.2	2.9	3.6	4.3	5.	5.8	6.5	7.2	8.6	10.1	11.5	13.	14.4
73 kg	0.7	1.5	2.2	2.9	3.7	4.4	5.1	5.8	6.6	7.3	8.8	10.2	11.7	13.1	14.6
74 kg	0.7	1.5	2.2	3.	3.7	4.4	5.2	5.9	6.7	7.4	8.9	10.4	11.8	13.3	14.8
75 kg	0.8	1.5	2.3	3.	3.8	4.5	5.3	6.	6.8	7.5	9.	10.5	12.	13.5	15.
76 kg	0.8	1.5	2.3	3.	3.8	4.6	5.3	6.1	6.8	7.6	9.1	10.6	12.2	13.7	15.2
77 kg	0.8	1.5	2.3	3.1	3.9	4.6	5.4	6.2	6.9	7.7	9.2	10.8	12.3	13.9	15.4
78 kg	0.8	1.6	2.3	3.1	3.9	4.7	5.5	6.2	7.	7.8	9.4	10.9	12.5	14.	15.6
79 kg	0.8	1.6	2.4	3.2	4.	4.7	5.5	6.3	7.1	7.9	9.5	11.1	12.6	14.2	15.8
80 kg	0.8	1.6	2.4	3.2	4.	4.8	5.6	6.4	7.2	8.	9.6	11.2	12.8	14.4	16.

Values are mL/hr

DILUTION EQUIVALENTS:

1 unit/mL

50 units/50 mL

TO CHECK:

$$\frac{(\text{WT} \times \text{UNITS/KG/HR})}{1} = \text{ML/HR}$$

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HIGH ALERT MEDICATION:

Two independent checks of calculations and dose preparation prior to initiating infusion.

Two independent checks of pump setting before initiating infusion.

Independent check that patient is receiving correct dose upon assuming care of the patient.