



Mount Sinai Health System

DKA Protocol for Patients with COVID-19

Infusion Titration

Version 2020

Step 1. Find current insulin infusion rate

Step 2. If change in glucose over 3 hours is ≥ 75 mg/dL, use value in "Decrease" column as new rate

If change in glucose over 3 hours is < 75 mg/dL, use value in "Increase" column as new rate

Note: Doses are rounded for ease of pump administration; all rates in table are in units/hour

Decrease	Current Rate	Increase
0.2	0.2	0.2
0.2	0.3	0.4
0.3	0.4	0.5
0.4	0.5	0.6
0.5	0.6	0.7
0.6	0.7	0.8
0.6	0.8	1
0.7	0.9	1.1
0.8	1	1.2
0.9	1.1	1.3
1	1.2	1.4
1	1.3	1.6
1.1	1.4	1.7
1.2	1.5	1.8
1.3	1.6	1.9
1.4	1.7	2
1.4	1.8	2.2
1.5	1.9	2.3
1.6	2	2.4
1.7	2.1	2.5
1.8	2.2	2.6
1.8	2.3	2.8
1.9	2.4	2.9
2	2.5	3
2.1	2.6	3.1
2.2	2.7	3.2

Decrease	Current Rate	Increase
2.2	2.8	3.4
2.3	2.9	3.5
2.4	3	3.6
2.5	3.1	3.7
2.6	3.2	3.8
2.6	3.3	4
2.7	3.4	4
2.8	3.5	4
2.9	3.6	4.5
3	3.7	4.5
3	3.8	4.5
3.1	3.9	4.5
3.2	4	5
3.6	4.5	5.5
4	5	6
4.5	5.5	6.5
5	6	7
5	6.5	8
5.5	7	8.5
6	7.5	9
6.5	8	9.5
7	8.5	10
7	9	11
7.5	9.5	11.5
8	10	12
8.5	10.5	12.5

Decrease	Current Rate	Increase
9	11	13
9	11.5	14
9.5	12	14.5
10	12.5	15
10.5	13	15.5
11	13.5	16
11	14	17
11.5	14.5	17.5
12	15	18
12.5	15.5	18.5
13	16	19
13	16.5	20
13.5	17	20.5
14	17.5	21
14.5	18	21.5
15	18.5	22
15	19	23
15.5	19.5	23.5
16	20	24
16.5	20.5	24.5
17	21	25
17	21.5	26
17.5	22	26.5
18	22.5	27
18.5	23	27.5
19	23.5	28