

Baseline fluid requirements

1-10 kg	100 mL/kg
10-20 kg	1000 mL + 50 mL/kg for each kg above 10 kg
> 20 kg	1500 mL + 20 mL/kg for each kg above 20 kg

Daily fluid

Fluid needs based on above formula:

WEIGHT (kg)	DAILY FLUID REQUIREMENTS* (mL)	WEIGHT (kg)	DAILY FLUID REQUIREMENTS* (mL)
1	100	52	2140
2	200	54	2180
3	300	56	2220
4	400	58	2260
5	500	60	2300
6	600	62	2340
7	700	64	2380
8	800	66	2420
9	900	68	2460
10	1000	70	2500
12	1100	72	2540
14	1200	74	2580
16	1300	76	2620
18	1400	78	2660
20	1500	80	2700
22	1540	82	2740
24	1580	84	2780
26	1620	86	2820
28	1660	88	2860
30	1700	90	2900
32	1740	92	2940
34	1780	94	2980
36	1820	96	3020
38	1860	98	3060
40	1900	100	3100
42	1940	102	3140
44	1980	104	3180
46	2020	106	3220
48	2060	108	3260
50	2100	110	3300

*This number is only an estimate based on the above equation. Physician may determine actual individual fluid needs to be either lower or higher than this amount. Adapted from: Thomas EY. Fluid and Electrolytes. *The Harriet Lane Handbook*, Twentieth Edition. Elsevier Saunders 2015: 246-249