

## Weight-based Dosing of Ibuprofen in Children

*The below table has been adapted from the ICGP Quick Reference Guide for Antipyretic Prescribing*

The table below contains a weight-based dosing chart for ibuprofen (based on 7.5mg/kg/dose) which may be useful in certain circumstances. Doctors can use their clinical judgement to decide when dosing by weight is more appropriate (e.g. for underweight children) as per the dosing chart below. If advising weight-based dosing, explain to parents that the weight-based dosing guidance being provided may be different to the dosing information in the product packaging.

Weight (kg)	Ibuprofen (3 months–6 years) 100mg / 5mls	Ibuprofen (6 years +) 200mg / 5mls
	Each single dose below can be dosed 6–8 hourly – Max 3 doses per 24 hrs	
5 kg	1.9mls	-
6 kg	2.3mls	-
7 kg	2.6mls	-
8 kg	3mls	-
9 kg	3.4mls	-
10 kg	3.8mls	-
11 kg	4.1mls	-
12 kg	4.5mls	-
13 kg	4.9mls	-
14 kg	5.3mls	-
15 kg	5.6mls	-
16 kg	6mls	-
17 kg	6.4mls	-
18 kg	6.8mls	-
19 kg	7.1mls	-
20 kg	7.5mls	3.8mls
21 kg	7.9mls	3.9mls
22 kg	8.3mls	4.1mls
23 kg	8.6mls	4.3mls
24 kg	9mls	4.5mls
25 kg	9.4mls	4.7mls
26 kg	9.8mls	4.9mls
27 kg	10.1mls	5mls
28 kg	10.5mls	5.3mls
29 kg	10.9mls	5.4mls
30 kg	11.3mls	5.6mls
31 kg	11.6mls	5.8mls
32 kg	12mls	6mls
33 kg	12.4mls	6.2mls
34 kg	12.8mls	6.4mls
35 kg	13.1mls	6.5mls
36 kg	13.5mls	6.8mls
37 kg	13.9mls	6.9mls
38 kg	14.3mls	7.1mls
39 kg	14.6mls	7.3mls
40 kg	15mls	7.5mls
41 kg	15.4mls	7.6mls
42 kg	15.8mls	7.9mls
43 kg	16.1mls	8mls
44 kg	16.5mls	8.3mls
45 kg	16.9mls	8.4mls
46 kg	17.3mls	8.6mls
47 kg	17.6mls	8.8mls
48 kg	18mls	9mls
49 kg	18.4mls	9.2mls
50 kg	18.8mls	9.3mls