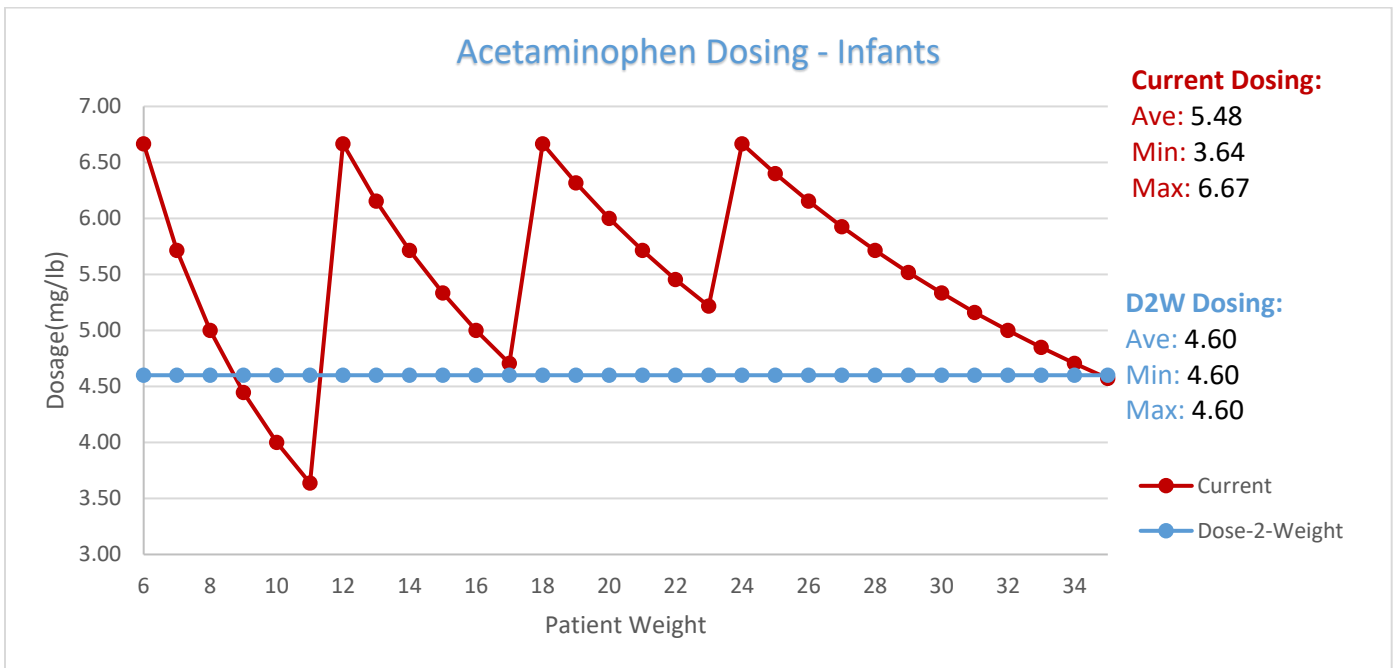


Acetaminophen Oral Dispensers

A Safer, More Precise Administration of Liquid Oral Medication

Researchers have shown that only 30% of caregivers are able to demonstrate both an accurately measured and correct dose for their child.¹ Generally over-the-counter (OTC) medications are considered safe, however they are the most frequently implicated pharmaceuticals involved in cases reported to the American Association of Poison Control Center's National Poison Data System.²

Current dosing recommendations for OTC oral medications commonly specify a volume of medication for a weight or age range, rather than using the dosage strength of the medication specific to an individual patient weight. This dosing regimen results with patients in a designated range receiving the same amount of medication, even though their individual weight may differ more than 45% (6-11lbs); and patients in different ranges receiving double the medication (40-80mg) despite having a difference in weight of 1lb, (11-12lbs).



¹Simon, H. K., & Weinkle, D. A. (1997). Over-the-counter medications: do parents give what they intend to give? *Archives of pediatrics & adolescent medicine*, 151(7), 654-656.

²Bronstein AC, Spyker DA, Cantilena LR, Green JL, Rumack BH, Heard SE. 2007 annual report of the American Association of Poison Control Centers' National Poison Data System (NPDS): 25th Annual Report. *Clin Toxicol (Phila)*. 2008; 46(10):927-1057.

³Tylenol® Infants and Children's Dosing Information for Healthcare Professionals

⁴Adjusted for U.S. Market and mL dosing conformity – (adjusted from Dose-2-Weight Optimal Dose of 5.67 mg/lb. to 4.60 mg/lb.)

Dose-2-Weight Syringe®

Dose-2-Weight Syringe®

The patented Dose-2-Weight Syringe® is the next generation liquid medication dispenser. Each Dose-2-Weight Syringe® is calibrated to the dosage strength of a specific medication and marked with multiple correlated measurements. These measurements may include, among others, weight or other patient characteristic, medication dosage or volume of the medication. The enhanced multi-indicia display increases the overall safety and accuracy of administration, by providing the ability to intuitively correlate the unit dosage to a specific patient characteristic.

The Dose-2-Weight Syringe® eliminates the need to correlate a volume, unit dosage or patient feature from a medication package or other media to the delivery device. These features circumvent the procedures shown to be the primary cause of error during the preparation and administration of OTC liquid medications.

The Dose-2-Weight Syringe® provides un-matched safety and convenience during preparation and administration, while in parallel, providing ultra-precise dosing and visual reverification of the correct amount of medication for the specific patient.

Benefits:

- ✓ Measurements for Weight, Age and Volumetric Dosage
- ✓ Ultra-Precise Dosing
- ✓ Convenient
- ✓ Calculation free
- ✓ Lower incremental indicia
- ✓ Easy to read markings
- ✓ Ergonomic
- ✓ Safe
- ✓ CE/ISO/WHO/TUV certified



ORDERING INFORMATION

Dose-2-Weight Syringe®

Calibrated for specific medication

Three-part oral dispenser

- Short or long tip barrel
- Silicone O-ring plunger
- No rubber, latex free
- BPA free
- 100% vision inspected calibration lines
- Dishwasher safe, maintains print quality
- CE registration
- Multiple barrel and plunger colors available



Size	Graduations	Sterility	Material	Packaging	Barrel
1, 2, 3, 5, 10, 20, 30, 50, 60 mL	Weight: kg, lb Age: mo, yr Dosage: mg, mL SA: ft ² , m ²	Sterile Non-sterile	Barrel: PP Plunger: HDPE	PE Blister Bulk	Round

Press-in bottle adapter



Diameter Size	Sterility	Material	Packaging
20, 24, 28mm	Sterile/non-sterile	LDPE	Bulk

Custom Dispensing System

Our team of design engineers will work with your specific requirements to provide you a customized dispensing system. Please contact us for customized design, color(s), graduation(s), labeling and packaging.

To request samples or pricing or for additional information, call 1-941-360-0029 or email us at sales@asepsismedical.com

**not available in all territories*



INFANTS ACETAMINOPHEN

Current Dosing Schedule ¹			
Acetaminophen		160	mg/5mL
lb	mL	mg	mg/lb
lb	Current	Current	Current
6	1.25	40	6.67
7	1.25	40	5.71
8	1.25	40	5.00
9	1.25	40	4.44
10	1.25	40	4.00
11	1.25	40	3.64
12	2.5	80	6.67
13	2.5	80	6.15
14	2.5	80	5.71
15	2.5	80	5.33
16	2.5	80	5.00
17	2.5	80	4.71
18	3.75	120	6.67
19	3.75	120	6.32
20	3.75	120	6.00
21	3.75	120	5.71
22	3.75	120	5.45
23	3.75	120	5.22
24	5.0	160	6.67
25	5.0	160	6.40
26	5.0	160	6.15
27	5.0	160	5.93
28	5.0	160	5.71
29	5.0	160	5.52
30	5.0	160	5.33
31	5.0	160	5.16
32	5.0	160	5.00
33	5.0	160	4.85
34	5.0	160	4.71
35	5.0	160	4.57

Average: 5.48

Dose-2-Weight Schedule ^{2,3,4,5}			
Acetaminophen		160	mg/5mL
lb	mL	mg	mg/lb
lb	D2W	D2W	D2W
6	0.86	27.6	4.60
7	1.01	32.2	4.60
8	1.15	36.8	4.60
9	1.29	41.4	4.60
10	1.44	46.0	4.60
11	1.58	50.6	4.60
12	1.73	55.2	4.60
13	1.87	59.8	4.60
14	2.01	64.4	4.60
15	2.16	69.0	4.60
16	2.30	73.6	4.60
17	2.44	78.2	4.60
18	2.59	82.8	4.60
19	2.73	87.4	4.60
20	2.88	92.0	4.60
21	3.02	96.6	4.60
22	3.16	101.2	4.60
23	3.31	105.8	4.60
24	3.45	110.4	4.60
25	3.59	115.0	4.60
26	3.74	119.6	4.60
27	3.88	124.2	4.60
28	4.03	128.8	4.60
29	4.17	133.4	4.60
30	4.31	138.0	4.60
31	4.46	142.6	4.60
32	4.60	147.2	4.60
33	4.74	151.8	4.60
34	4.89	156.4	4.60
35	5.03	161.0	4.60

Average: 4.60

1] Tylenol® Infants and Children's Dosing Information for Healthcare Professionals

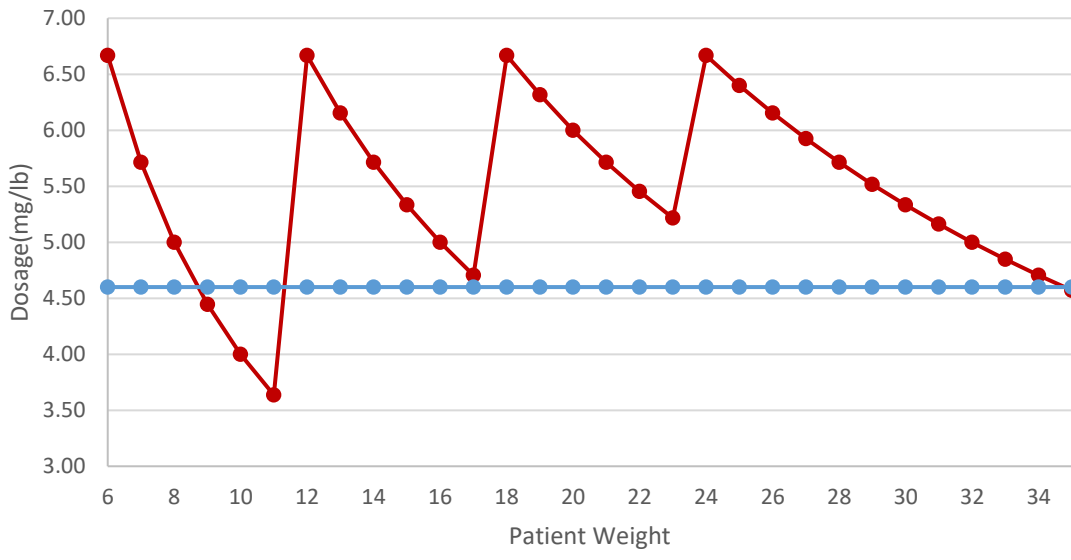
2] Adjusted for U.S. Market and mL dosing conformity – (adjusted from **Dose-2-Weight Optimal Dose of 5.67 mg/lb. to 4.60 mg/lb.**)

3] US Food and Drug Administration – Over the counter Acetaminophen –Containing Drug Products in Children Background Package - Efficacy and Safety Studies published and reviewed at 4.53 mg/lb. to 6.80 mg/lb. Publish Studies mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

4] Boston University Fever Study — Dosing at 4.53 mg/lb. to 6.80 mg/lb. Publish Studies mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

5] American Academy of Pediatric Endorses Weight Based Dosing - Recommended Dosing at 4.53 mg/lb. to 6.80 mg/lb. mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

Acetaminophen Dosing - Infants



Current Dosing:

Ave: 5.48

Min: 3.64

Max: 6.67

D2W Dosing:

Ave: 4.60

Min: 4.60

Max: 4.60

● Current

● Dose-2-Weight

CHILDRENS ACETAMINOPHEN

Current Dosing Schedule ¹				Dose-2-Weight Schedule ^{2,3,4,5}			
Acetaminophen		160	mg/5mL	Acetaminophen		160	mg/5mL
lb	mL	mg	mg/lb	lb	mL	mg	mg/lb
lb	Current	Current	Current	lb	D2W	D2W	D2W
36	7.5	240	6.67	36	6.33	202.7	5.63
37	7.5	240	6.49	37	6.51	208.3	5.63
38	7.5	240	6.32	38	6.69	213.9	5.63
39	7.5	240	6.15	39	6.86	219.6	5.63
40	7.5	240	6.00	40	7.04	225.2	5.63
41	7.5	240	5.85	41	7.21	230.8	5.63
42	7.5	240	5.71	42	7.39	236.5	5.63
43	7.5	240	5.58	43	7.57	242.1	5.63
44	7.5	240	5.45	44	7.74	247.7	5.63
45	7.5	240	5.33	45	7.92	253.4	5.63
46	7.5	240	5.22	46	8.09	259.0	5.63
47	7.5	240	5.11	47	8.27	264.6	5.63
48	10	320	6.67	48	8.45	270.2	5.63
49	10	320	6.53	49	8.62	275.9	5.63
50	10	320	6.40	50	8.80	281.5	5.63
51	10	320	6.27	51	8.97	287.1	5.63
52	10	320	6.15	52	9.15	292.8	5.63
53	10	320	6.04	53	9.32	298.4	5.63
54	10	320	5.93	54	9.50	304.0	5.63
55	10	320	5.82	55	9.68	309.7	5.63
56	10	320	5.71	56	9.85	315.3	5.63
57	10	320	5.61	57	10.03	320.9	5.63
58	10	320	5.52	58	10.20	326.5	5.63
59	10	320	5.42	59	10.38	332.2	5.63
Average:		5.92		Average:		5.63	

1] Tylenol® Infants and Children's Dosing Information for Healthcare Professionals

2] Adjusted for U.S. Market and mL dosing conformity – (adjusted from **Dose-2-Weight Optimal Dose of 5.67 mg/lb. to 5.63 mg/lb.**)

3] US Food and Drug Administration – Over the counter Acetaminophen –Containing Drug Products in Children Background Package - Efficacy and Safety Studies published and reviewed at 4.53 mg/lb. to 6.80 mg/lb. Publish Studies mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

4] Boston University Fever Study -- Dosing at 4.53 mg/lb. to 6.80 mg/lb. Publish Studies mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

5] American Academy of Pediatric Endorses Weight Based Dosing - Recommended Dosing at 4.53 mg/lb. to 6.80 mg/lb. mid-point and **Dose-2-Weight Optimal Recommended Dose 5.67 mg/lb.**

Acetaminophen Dosing - Childrens

