

Pr ACETAMINOPHEN INJECTION Administration Protocol

Sterile solution for infusion, 10 mg/mL, intravenous. Available as: 100 mg/10 mL, 500 mg/50 mL and 1000 mg/100 mL.

This material was developed by B. Braun, as part of the risk minimization plan for ACETAMINOPHEN INJECTION. This material is not intended for promotional use.

Indication: Pr ACETAMINOPHEN INJECTION is indicated for the short term management and treatment of:

- mild to moderate pain
- moderate to severe pain with adjunctive opioid analgesics
- fever

Detailed information can also be found in the current **Product Monograph (PM)**.

Example (up to 50 kg)

Weight	Dose to be given up to 6 times/day		Max Dose per 24h	
20 kg	250 mg	25 mL	1500 mg	150 mL
30 kg	375 mg	37.5 mL	2250 mg	225 mL
50 kg	625 mg	62.5 mL	3750 mg	375 mL

Serious Warnings and Precautions

Medications Errors

Caution is recommended when prescribing, preparing, and administering ACETAMINOPHEN INJECTION to avoid dosing errors which could result in accidental overdose and death. In particular, ensure that:

- the dose in milligrams (mg) and milliliters (mL) is not confused;
- the dosing is based on weight for patients under 50 kg;
- infusion pumps are properly programmed; and
- the total daily dose of acetaminophen from all routes of administration (intravenous, oral and rectal) and all products containing acetaminophen (oral solutions/drops, syrup, pills, capsules, suppositories, etc.) does not exceed maximum daily limits.

Hepatotoxicity

Acetaminophen has been associated with cases of acute liver failure, at times resulting in liver transplant and death. Most of the cases of liver injury are associated with the use of acetaminophen at doses that exceed the maximum daily limits, and often involve more than one acetaminophen-containing product.

Patient Weight	Dose given every 4h (6 times a day)	Dose given every 6h (4 times a day)	Maximum total daily dose (24 hours)	Presentation	
	No more than 6 times a day of 12.5 mg/kg	No more than 4 times a day of 15 mg/kg			
Pediatrics ≤ 10 kg (ampoule)	12.5 mg/kg	15 mg/kg	75 mg/kg in 24 hours	10 mL ampoule (10 mg/mL): for patients ≤ 10 kg	
Pediatrics > 10 kg and ≤ 33 kg (bottle)	i.e. 1.25 mL/kg	i.e. 1.50 mL/kg		50 mL bottle (10 mg/mL): for patients > 10 kg and ≤ 33 kg	
Children, adolescents and adults > 33 kg and ≤ 50 kg	12.5 mg/kg i.e. 1.25 mL/kg	15 mg/kg i.e. 1.50 mL/kg	75 mg/kg in 24 hours (without exceeding 3750 mg)	100 mL bottle (10 mg/mL): for patients > 33 kg	
Adolescents and adults ≥ 50 kg and no additional risk factors for hepatotoxicity	No more than 6 times a day of 650 mg and no more than 4 times a day of 1000 mg				
	650 mg	1000 mg	4000 mg in 24 hours		