

IBUPROFEN (Motrin) – EMSAC January 2024

ACTION: Non-Selective COX Inhibitor

- Analgesic effective for mild-to-moderate pain.
- Additionally has anti-pyretic and anti-inflammatory properties.

~~INDICATIONS:-~~

- ~~Management of acute mild to moderate pain as described by patients as a pain score of 6 or less.~~

INDICATION	ADULT	PEDIATRIC
Acute pain	600 mg PO x1	10 mg/kg PO up to 400 mg

CONTRAINDICATIONS:

- Known allergy or hypersensitivity to NSAIDs
- Acute significant trauma (see notes)
- Acute neurologic symptoms (including focal weakness, paresthesias, or other stroke symptoms)
- Hemophilia
- Pregnant or high possibility of pregnancy as reported by patient
- History of GI bleeding or ulcers
- Current aspirin or anticoagulation therapy
- History of renal disease, or kidney transplant
- Age < 6 months

POTENTIAL SIDE EFFECTS:

- Nausea
- Upset stomach
- Rash
- Headache
- Hypertension
- GI bleed

~~ADULT DOSE/ROUTE:-~~

~~p 400 mg PO x 1 dose.~~

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~~PEDIATRIC DOSE/ROUTE:-~~

~~p 10 mg/kg PO up to 400 mg total dose.~~

NOTES:

- The **median** onset of pain relief with ibuprofen is approximately 25 minutes.
- Ibuprofen will not interact with **IV/IO/IN** opiate analgesics such as fentanyl if additional pain control is needed.
- Ibuprofen administration in **combination with** alcohol use may increase risk of GI bleeding.

- Significant trauma consists of injuries that would require trauma center destination criteria, or those **as a result of** which the paramedic is concerned for internal/difficult to control hemorrhage.

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