

## OPIUM AND BELLADONNA SUPPOSITORIES

Currently there is only one supplier for this product:<sup>1,2</sup>

DIN	Company	Brand Name	Schedule	Ingredients	Strength	Form
01901869	SANDOZ CANADA INCORPORATED	SANDOZ OPIUM & BELLADONNA	Narcotic	BELLADONNA OPIUM	15 MG 65 mg	RECTAL SUPPOSITORY

**Indication:** relief of moderate to severe pain associated with ureteral spasm not responsive to non-narcotic analgesics and to space intervals between injections of opiates.<sup>3</sup>

### Therapeutic alternatives for opium & belladonna suppositories:

#### *Antispasmodic:*

- Hyoscine butylbromide 20 mg/ml injections (Buscopan)<sup>4</sup>: 10 mg to 20 mg IM, SC, or IV (at an injection rate of 1 mL/min).<sup>5</sup>
- Atropine is an alkaloid constituent of belladonna (along with scopolamine and hyoscyamine)<sup>8</sup> and has been used for ureteric colic at a dose of 0.4 mg orally every 4 to 6 hours as needed.<sup>3</sup> Atropine ophthalmic drops are available as 1% solution.<sup>6</sup>

#### *Opioid Analgesics:*

- Morphine sulfate suppository:<sup>4</sup> 5 or 10 mg (opium to morphine equivalent ~ 10: 1)<sup>7</sup>
- Morphine sulfate injection: 5 mg loading dose and up to two additional 2.5 mg doses if necessary.<sup>7</sup>
- Alternate opioids

#### *Non-opioid Analgesics:*

- **NSAIDS are drugs of choice for renal colic.**<sup>8</sup> In addition to analgesia, NSAIDS may also help to decrease ureter spasms. Caution if renal impairment.<sup>7</sup>
  - Rectal suppositories: diclofenac 50 or 100 mg, indomethacin 100 mg, naproxen 500 mg
  - Ketorolac IM or IV 15 to 60 mg
- Combination of NSAID with opioid may provide greater pain relief than either agent alone.<sup>7</sup>
- Combination of NSAID with antispasmodic does not increase pain relief.<sup>8</sup>

## References:

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5. e-CPS [Internet]. Ottawa (ON): Canadian Pharmacists Association; Buscopan [product monograph]. Available from: <http://www.e-cps.ca>. Also available in paper copy from the publisher. Accessed 10Aug2015.
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7. Curhan G, Aronson M, Preminger, M. Diagnosis and acute management of suspected nephrolithiasis in adults. In UpToDate online. Available at [www.uptodate.com](http://www.uptodate.com) (by subscription). Accessed 07Aug2015.
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