

OPIUM AND BELLADONNA SUPPOSITORIES

Currently there is only one supplier for this product:^{1,2}

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.³

Therapeutic alternatives for opium & belladonna suppositories:

Antispasmodic:

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

Opioid Analgesics:

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

Non-opioid Analgesics:

- **NSAIDS are drugs of choice for renal colic.**⁸ In addition to analgesia, NSAIDS may also help to decrease ureter spasms. Caution if renal impairment.⁷
 - 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.⁷
- Combination of NSAID with antispasmodic does not increase pain relief.⁸

References:

1. Pharmascience Inc. Medical Information Tel: 1-888-550-6060 . Personal communication.
2. Drug Product Database. Health Canada. Available at <http://webprod5.hc-sc.gc.ca/dpd-bdpp/index-eng.jsp>. Accessed 10Aug2015.
3. Belladonna and Opium. Lexicomp Online®, Lexi-Drugs, Hudson, Ohio: Lexi-Comp, Inc.; January 29, 2015. Accessed 10Aug2015.
4. Covenant Health. Medical Staff Portal. Available at <https://medicalstaff.covenanthealth.ca/news-events/current-advisories-alerts/drug-advisories/2015/june/2015-06-01-opium-belladonna-suppositories-shortage> . Accessed 07Aug2015.
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.
6. Ulbricht K, Basch E, editors. Online Natural Medicines[Internet]. Somerville (MA); c2015 [cited 11 Aug 2015]. Available from: <https://naturalmedicines.therapeuticresearch.com> Subscription required.
7. Curhan G, Aronson M, Preminger, M. Diagnosis and acute management of suspected nephrolithiasis in adults. In UpToDate online. Available at www.uptodate.com (by subscription). Accessed 07Aug2015.
8. Nephrolithiasis. Dynamed summary. In *Dynamed* [Internet]. Ipswich (MA): EBSCO Information Services. Available from <http://www.dynamed.com/login.aspx?direct=true&site=DynaMed&id=113862> . Registration and login required. Accessed 10Aug2015.