

Supplement: Safety of Anti-Osteoarthritis Medications

Safety of opioids in osteoarthritis: Outcomes of a systematic review and meta-analysis

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ELECTRONIC SUPPLEMENTARY MATERIAL 1

Search strategy

Databases: Ovid MEDLINE(R) Epub Ahead of Print, In-Process & Other Non-Indexed Citations,

Ovid MEDLINE(R) Daily and Ovid MEDLINE(R) <1946 to Present>

& Cochrane Central Register of Controlled Trials, via Ovid (Ovid CENTRAL)

Search Strategy:

1. exp Osteoarthritis/
2. (Degenerative adj (arthritis OR joint*1 OR arthritides)).ti,ab,kw.
3. (osteoarthr* OR arthros* OR coxarthros* OR gonarthros* OR joint failure*1 OR osteoarthritis OR OA).ti,ab,kw.
4. 1 OR 2 OR 3
5. exp Analgesics, Opioid/
6. exp Morphinans/
7. (Morphinan*1 OR Opioid*1 OR Opioate*1).ti,ab,kw.
8. (Alfentanil OR Anileridine OR Buprenorphine OR Butorphanol OR Carfentanil OR Codeine OR Dextromoramide OR Dextropropoxyphene OR Diamorphine OR Dihydrocodeine OR Dipipanone OR Embutramide OR Ethoheptazine OR Ethylmorphine OR Etorphine OR Fentanyl OR "Hydrochlorides of Mixed Opium Alkaloids" OR Hydrocodone OR Hydromorphone OR Ketobemidone OR Levacetylmethadol OR Levomethadone OR Levorphanol OR Meptazinol OR Methadone OR Morphine OR Nalbuphine OR Nicomorphine OR Opium OR Oxycodone OR Oxymorphone OR Papaveretum OR Pentazocine OR Pethidine OR Piritramide OR Remifentanil OR Sufentanil OR Tilidine OR Tramadol OR Trimeperidine).ti,ab,kw.
9. (Tapentadol OR Alphaprodine OR Benzomorphan*1 OR Dezocine OR Dihydromorphine OR Enkephalin OR Ethylketocyclazocine OR Heroin OR Levallorphan OR Meperidine OR "Methadyl Acetate" OR Phenazocine OR Phenoperidine OR Pirinitramide OR Thebaine).ti,ab,kw.
10. (Alfentanyl OR Carfentanyl OR Propoxyphene OR Diacetylmorphine OR Ethylheptazine OR Ethomorphine OR Etorphine OR Phentanyl OR Hydrocodon OR Dihydrocodeinone OR Dihydromorphinone OR Hydromorphon OR Cetobemidon OR Acetylmethadol OR Levoacetylmethadol OR Methadol OR Sulfentanyl OR Sulfentanil OR Ethylketazocine OR Acetylmethadol OR Phenethylazocine OR Fenoperidine OR Piritramid*1 OR OxyContin OR Propoxyphene).ti,ab,kw.
11. 5 OR 6 OR 7 OR 8 OR 9 OR 10
12. Randomized controlled trial.pt.
13. Controlled clinical trial.pt.
14. Randomized Controlled Trials as Topic /
15. Controlled Clinical Trials as Topic/

16. ("Randomized controlled trial*" OR "Randomized clinical trial*" OR "Controlled clinical trial*" OR Placebo-controlled OR Sham-controlled OR Saline-controlled OR Vehiclecontrolled OR "Randomized double-blind" OR Random* OR Placebo OR RCT).ti,ab,kw.

17. 12 OR 13 OR 14 OR 15 OR 16

18. 4 AND 11 AND 17

Database: SCOPUS

Search Strategy:

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((TITLE-ABS-KEY (osteoarthr* OR arthrosis OR coxarthros* OR gonarthros* OR "joint failure*" OR
osteo-arthritis OR OA)
)
OR (
TITLE-ABS-KEY (degenerative W/O (arthritis OR joint* OR arthritides))
))
AND
((TITLE-ABS-KEY ("Analgesics Opioid" OR morphinan* OR opioid* OR opioate* )
)
OR (
TITLE-ABS-KEY (Alfentanil OR Anileridine OR Buprenorphine OR Butorphanol OR Carfentanil
OR
Codeine OR Dextromoramide OR Dextropropoxyphene OR Diamorphine OR Dihydrocodeine
OR
Dipipanone OR Embutramide OR Ethoheptazine OR Ethylmorphine OR Etorphine OR
Fentanyl
OR {Hydrochlorides of Mixed Opium Alkaloids} OR Hydrocodone OR Hydromorphone OR
Ketobemidone OR Levacetylmethadol OR Levomethadone OR Levorphanol OR Meptazinol
OR
Methadone OR Morphine OR Nalbuphine OR Nicomorphine OR Opium OR Oxycodone OR
Oxymorphone OR Papaveretum OR Pentazocine OR Pethidine OR Piritramide OR
Remifentanil
OR Sufentanil OR Tilidine OR Tramadol OR Trimeperidine)
)
OR (
TITLE-ABS-KEY (Tapentadol OR Alphaprodine OR Benzomorphan* OR Dezocine OR
Dihydromorphone OR Enkephalin OR Ethylketocyclazocine OR Heroin OR Levallorphan OR
Meperidine OR {Methadyl Acetate} OR Phenazocine OR Phenoperidine OR Pirinitramide OR
Thebaine)
)
OR (
TITLE-ABS-KEY (Alfentanyl OR Carfentanyl OR Propoxyphene OR Diacetylmorphine OR
Ethylheptazine OR Ethomorphine OR Etorphine OR Phentanyl OR Hydrocodon OR
Dihydrocodeinone OR Dihydromorphinone OR Hydromorphon OR Cetobemidon OR
Acetylmethadol OR Levoacetylmethadol OR Methadol OR Sulfentanyl OR Sulfentanil OR
Ethylketazocine OR Acetylmethadol OR Phenethylazocine OR Fenoperidine OR Piritramid*
OR
OxyContin OR Propoxyphene)
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))

AND

(TITLE-ABS-KEY ("Randomized controlled trial*" OR "Randomized clinical trial*" OR
"Controlled

clinical trial*" OR Placebo-controlled OR Sham-controlled OR Saline-controlled OR
Vehiclecontrolled

OR "Randomized double-blind" OR Random* OR Placebo OR RCT))

AND

(LIMIT-TO (DOCTYPE,"ar "))