

Title (en)

IRRIGATION SOLUTION AND METHOD FOR INHIBITION OF PAIN AND INFLAMMATION

Title (de)

SPÜLLÖSUNG UND VERFAHREN ZUR SCHMERZHINDERUNG UND ENTZÜNDUNGSHEMMUNG

Title (fr)

SOLUTION ET METHODE D'IRRIGATION DESTINEES A L'INHIBITION D'UNE DOULEUR ET D'UNE INFLAMMATION

Publication

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Application

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Priority

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Abstract (en)

[origin: WO0023062A2] A method and solution for perioperatively inhibiting a variety of pain and inflammation processes at wounds from general surgical procedures including oral/dental procedures. The solution preferably includes at least one neuronal nicotinic acetylcholine receptor agonist and, optionally, additional multiple pain and inflammation inhibitory agents at dilute concentration in a physiologic carrier, such as saline or lactated Ringer's solution. The solution is applied by continuous irrigation of a wound during a surgical procedure for preemptive inhibition of pain and while avoiding undesirable side effects associated with oral, intramuscular, subcutaneous or intravenous application of larger doses of the agents. One preferred solution to inhibit pain and inflammation includes a neuronal nicotinic acetylcholine receptor agonist, a serotonin₂ antagonist, a serotonin₃ antagonist, a histamine antagonist, a serotonin agonist, a cyclooxygenase inhibitor, a neurokinin₁ antagonist, a neurokinin₂ antagonist, a purinoceptor antagonist, an ATP-sensitive potassium channel opener, a calcium channel antagonist, a bradykinin₁ antagonist, a bradykinin₂ antagonist and a mu -opioid agonist.

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