16. Atterbury, op. cit., p. 68.

**ADDITIONAL REFERENCES**


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Infiltration anesthesia

Results
Onset time: 2 to 2.5 minutes.
Pulp anesthesia: 11 to 15 minutes duration.
Frequency: Complete anesthesia in 95% of patients.
Depth of anesthesia: Profound pulp anesthesia for cavity preparation or simple extraction, plus adequate operative analgesia during insertion of base and completion of restoration.
Soft tissue anesthesia: Greatly reduced duration. Tingling and numbness disappear in about 1 hour.

Advantages
Fast onset (start of procedure should not be delayed), short duration of profound pulp anesthesia, high rate of successful anesthesia, short duration of soft tissue anesthesia for patient comfort.

Recommendation
To be used for all infiltration anesthesia where the operative procedure requires pulp anesthesia of 15 minutes or less. Perfect for appointments of 30 minutes.

Citanest (propitoine) Hydrochloride can be used safely for routine infiltration and nerve blocking procedures. Nevertheless, side effects may occur due to unusual sensitivity, allergy, idiosyncrasy, faulty technique, overdosage and inadvertent intravascular injection. The type of reaction is unpredictable and depends on dosage, rate of absorption and status of the patient. When recognized and treated promptly, symptoms can usually be readily managed by adequate ventilation and oxygen. Control persistent convulsions with a short acting barbiturate; support circulation with vasopressor agents. Single doses in excess of 600 mg. (equivalent to 8 dental cartridges) may cause methemoglobinemia, although this condition has never been reported in dentistry. It is contraindicated in those patients in whom hypersensitivity to local anesthetics of the amide type has been demonstrated, and in patients with congenital or idiopathic methemoglobinemia.
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and all mandibular block anesthesia.

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All mandibular blocks

Results
Onset time
Pulp anesthesia
Frequency
Depth of anesthesia
Advantages
Soft tissue anesthesia

4 to 5 minutes.
At least 90 minutes duration.
Complete anesthesia in over 90% of patients.
Profound pulp anesthesia for all procedures in which mandibular blocks are indicated.
Significantly reduced duration.
Rapid onset of deep and lasting anesthesia plus exceptional clinical tolerance and safety. In mandibular blocks the frequency of successful anesthesia is at least as great as that of any other local anesthetic agent available today, and perhaps greater according to a recent study. In addition, the duration of soft tissue anesthesia is significantly shorter.

Recommendation
To be used for all mandibular blocks.

Composition: Sterile aqueous solution of 2-propylamino-3-propionotoluamide. Each cc. contains: Citanest (propitocaine) Hydrochloride 0.040 Gm., Sodium chloride 0.006 Gm., Methylparaben 0.001 Gm., Sodium hydroxide to adjust pH to 6.0-7.0.
Available in 1.8 cc. dental cartridges, 50 per vacuum packed tin.


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