

For the use of a Registered Medical Practitioner or a Hospital or a Laboratory only

Rx

Lidocaine and Adrenaline Injection I.P.

AMERICAN
NUMBON ADR 1:80K
CARTRIDGE

2%w/v+ 1:80000



1.8ml Dental Cartridge

COMPOSITION:

Each ml contains:

Lidocaine Hydrochloride I.P. 20 mg

Adrenaline Acid Tartrate I.P. 22.5 mcg

eq. to Adrenaline 12.5 mcg. (1:80,000)

Sodium Chloride I.P., Water for Injections I.P. q.s.

CATEGORY:

Local anaesthetic + class I antiarrhythmic; adrenoceptor agonist.

INDICATIONS AND USAGE:

Dental infiltration anaesthesia and all dental nerve block techniques.

DOSAGE AND ADMINISTRATION:

Infiltration – usual dose is 1ml. Nerve block usual dose is 1.5 to 2ml. Maximum dose is 25ml (500mg). Children and elderly or debilitated patients require smaller doses.

CONTRAINDICATIONS:

Known hypersensitivity to amide anaesthetics. Intravenous use. Anaesthesia of fingers, toes, tip of nose, ears and penis.

ADVERSE EFFECT:

Rare and usually the result of excessive blood levels. Nervousness, dizziness, blurred vision, tremors, drowsiness, convulsions, unconsciousness, hypotension, myocardial depression, bradycardia, possibly respiratory or cardiac arrest. Allergic reactions are rare.

PREGNANCY AND LACTATION:

Animal studies show no evidence of harm to foetus but do not use in early pregnancy unless benefit outweighs risk.

SPECIAL PRECAUTIONS:

Epilepsy, impaired cardiac conduction or impaired respiratory or hepatic function if high blood levels are anticipated. Hypertension, cardiac disease, cerebrovascular insufficiency, thyrotoxicosis, and those taking tricyclic antidepressants, MAOI's or receiving potent general anaesthetics. Effect may be reduced if injected into inflamed or infected area. Use on one patient during one treatment only. Discard unused contents. Facilities for resuscitation should be available.

INTERACTIONS:

Significance of interaction depends on route of delivery and

systemic exposure; lidocaine prolongs duration of action of suxamethonium; benzodiazepines & barbiturates raise the convulsive threshold to lidocaine; vasopressors potentiate pressor effects of adrenaline; BP may increase with non-selective β -blockers, TCAs, halogenated inhalational anaesthetics and α -blockers; general anaesthetics may increase sensitivity of myocardium to dysrhythmic effects of epinephrine; lidocaine may increase levels and effects of benzodiazepines, calcium channel blockers, ciclosporine, aminophylline, fluvoxamine, mexiletine, mirtazapine, ropinirole, theophylline, trifluoperazine, dextromethorphan, fluoxetine, nefazodone, paroxetine, risperidone, TCAs and venlafaxine. Levels and effects of lidocaine may be increased by propranolol, chlorpromazine, delavirdine, fluoxetine, miconazole, pergolide, quinidine, quinine, ritonavir, ropinirole, cimetidine, azole antifungals, clarithromycin, diclofenac, doxycycline, erythromycin, isoniazid, nicardipine and verapamil. Lidocaine may decrease levels and effects of codeine, hydrocodone, oxycodone, tramadol, carbamazepine, nafcillin, nevirapine, phenobarbital, phenytoin and rifamycins. Midazolam, cisapride, ergot alkaloids, lovastatin and simvastatin are not recommended in combination with lidocaine.

Potentially Fatal: Possible additive cardiac effects with amiodarone (ECG monitoring should be considered).

STORAGE:

Store between temperature 8°C to 25°C. Protect from light. Do Not freeze. Keep the medicine out of the reach of children.

PRESENTATION:

1 Blister strip of 5 Dental Cartridges packed in a mono carton and such 5 mono cartons packed in a outer carton.

Marketed by:



**AMERICAN
REMEDIES**

Care & Cure with Research

American Remedies Healthcare Pvt. Ltd.
(An ISO 9001-2015 Certified Company)

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