

# World Leader in Dental Anaesthesia

## Articaine

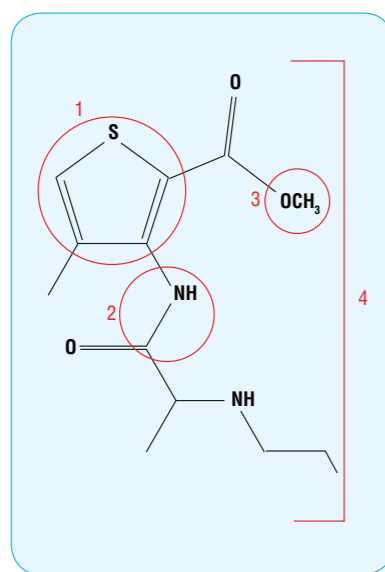
Every second, 15 dental injections are carried out using Septodont local anaesthetic

- Every year, over 500 million injections are performed with Septodont's local anaesthetic around the world.
- Our pain control line has been designed to serve the needs of dental professionals in almost 100 countries, offering the largest choice of molecules, pharmaceutical formulations and pack sizes.

First introduced for clinical use in Europe in 1976 and in Canada in 1982, articaine has become a leading local anaesthetic in almost every country into which it has been introduced.

- Germany: 96.8% of injectables used in dentistry<sup>(1)</sup>.
- USA: 32.4% of injectables used in dentistry<sup>(2)</sup>.
- UK's favorite local anaesthetic<sup>(3)</sup>.

### Why is that?



Features	Advantages	Benefits
1. Thiophene ring	Increased liposolubility	Increased potency Increased diffusion Less volume required = SAFETY
2. Amide	pKa closer from physiological pH	Quick Onset Less waiting time
3. Ester	Increased degradation in plasma by esterases	Short plasmatic half-time Increased tolerability = SAFETY
4. 3D structure	Increased protein binding	95% binded to protein longer duration of anaesthetic effect

## Septanest

### Septanest with Adrenaline 1/100,000 Solution for Injection

Loco-regional anaesthetic for dental use

Composition

Each 1,7 ml cartridge contains:	
Articaine hydrochloride	68 mg
Epinephrine (adrenaline) tartrate expressed as base	30,94 mcg
Sodium metabisulphite (as antioxidant)	17,00 mcg
	0,85 mg

Latex free. Blister packed to avoid cross contamination

50 x 1,7ml Cartridges  
Reg. # A38/4/0412  
0100700580



R384.12 S4

(1) Source: GFK data 2009 (2) Source: SDM data 2009 (3) Source: Internal data 2021

### Why choose Septanest?

- pH: 4 to 5,5** → Avoids the problems of longer onset and more painful injections correlated to lower pH levels
- 100% latex free** → Increased peace of mind for practitioner, regarding patient allergy
- Terminal sterilization** → Septodont's manufacturing process includes a "terminal sterilization" stage that guarantees dental professionals and patients the highest degree of sterility, for safety
- Worldwide approval** → Production expertise approved by Government Health Agencies throughout the world including the most stringent ones
- 1 ml cartridges**  
**1.7 ml cartridges**  
**2.2 ml cartridges** → Septodont offers the widest range of dosage volumes to meet various clinical requirements
- Mylar wrapped cartridges** → Eliminates risk of shattering, for increased safety
- Blister packs of 10 cartridges** → Reduced risk of cross-contamination
- 150 million Septanest / Septocaine cartridges manufactured every year** → Septanest / Septocaine has earned the trust of dental professionals throughout the world

## Lidocaine

Lidocaine was the first amino-amide type of local anaesthetic. It was first synthesized in 1943 and represented a real pharmaceutical breakthrough because it offered a lower risk of allergic reactions compared to ester anaesthetic. Over the years, it has attained the status of gold standard for dental anaesthesia and it is still the historical reference.

### Lignospan 2%

Loco-regional anaesthetic for dental use

Each 1,8 ml cartridge contains:	1,8 ml
Lignocaine hydrochloride equivalent to Lignocaine (Lidocaine)	36 mg
Adrenaline tartrate equivalent to Adrenaline (Epinephrine)	22,5 µg
Antioxidant:	
Potassium metabisulphite	2,16 mg

Lignospan 2% also contains the following inactive ingredients: Sodium edentate, sodium chloride and water for injection. Latex free. Blister packed to avoid cross contamination



50 x 1.8ml Cartridges

Reg. # J/4/208  
0100700550

R370.13 S4

## Other anaesthetic

### Mepivacaine: Scandonest

- Mepivacaine is the preferred molecule for short procedures and periodontal treatments.
- Terminal sterilization of product/cartridge for safe use.

- **Maximum dosage:**  
mg Cartridges (for 70 kg adult)  
6.6 mg/kg mepivacaine 2% + vasoconstr. 11 cartridges (1.8 ml)  
(400 mg max) mepivacaine 3%: 7 cartridges (1.8 ml)

### Scandonest 2% Special

Loco-regional anaesthetic for dental use

Composition	
Each 1,8 ml cartridge contains:	
Mepivacaine hydrochloride	36 mg
Epinephrine (adrenaline)	18 mcg
Antioxidant:	
Potassium metabisulphite	2,16 mg

SCANDONEST 2% SPECIAL also contains the following inactive ingredients: Sodium chloride, sodium edetate and water for injection.



Reg. # Y/4/421 0100700600

R250.00 S4

### Scandonest 3% Plain

Loco-regional anaesthetic for dental use

Composition

Each 1,8 ml cartridge contains:  
Mepivacaine hydrochloride 54,0 mg  
SCANDONEST 3 % PLAIN also contains the following inactive ingredients:  
Sodium chloride and water for injection.  
Latex free. Blister packed to avoid cross contamination

50 x 1.8ml Cartridges  
Reg. # Y/4/422 0100700650

R384.12 S4

HENRY SCHEIN®  
DENTAL WAREHOUSE

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