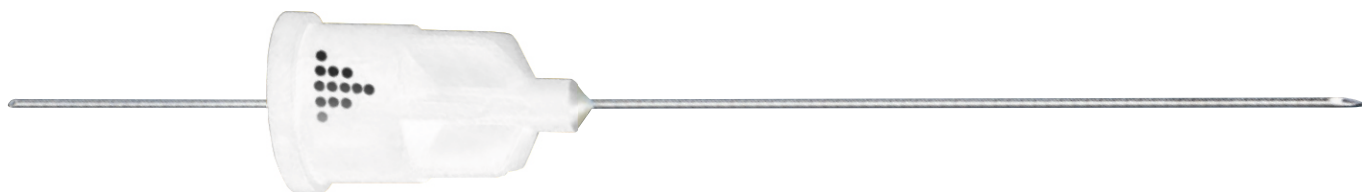


Orabloc®

NEEDLES



MADE IN ITALY

The NEW standard of quality

Presentation: *Orabloc needle name:*

- | | |
|----------|---------------------------|
| ● 30G ES | <i>thirty extra short</i> |
| ● 30G S | <i>thirty short</i> |
| ● 27G S | <i>twenty 7 short</i> |
| ● 27G L | <i>twenty 7 long</i> |
| ● 25G L | <i>twenty 5 long</i> |



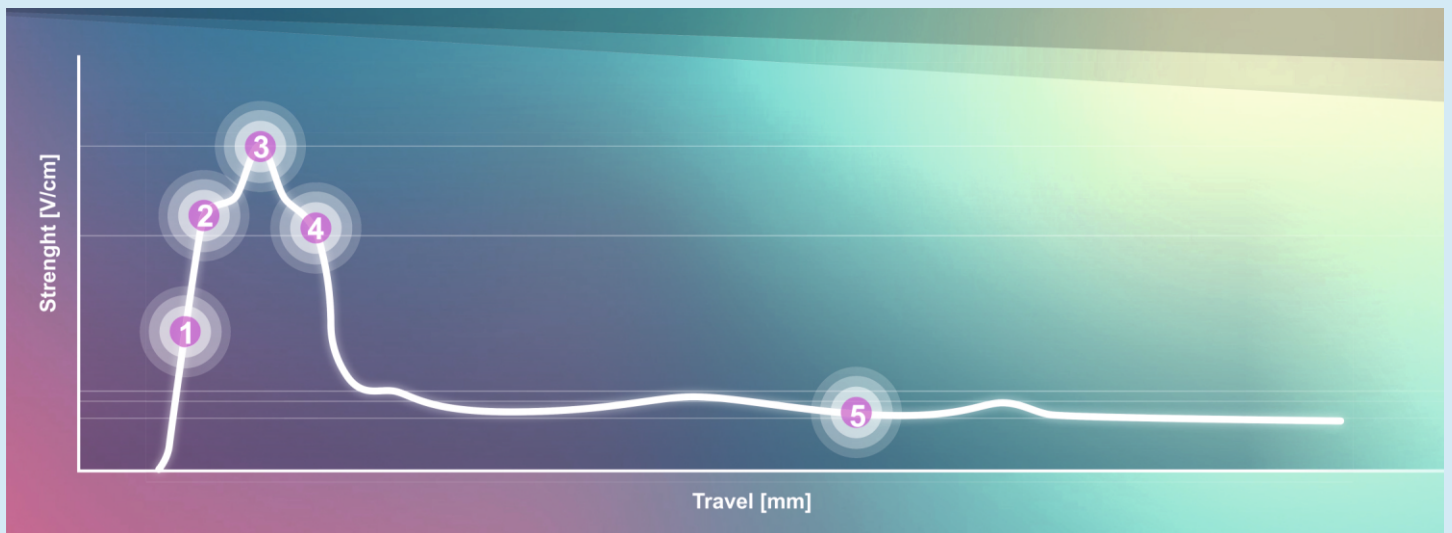
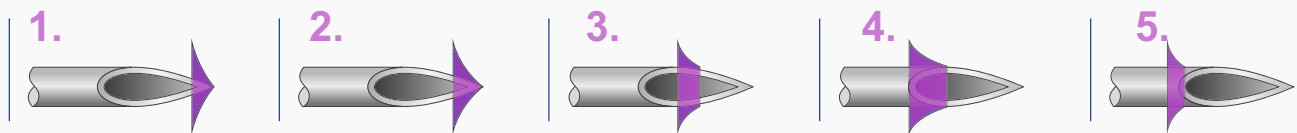
NEEDLES

Two features distinguish Orabloc needles from the competitors:

- sharpening to ensure zero pain
- a perfectly siliconized external needle surface for a pain free patient experience

Needle penetration phases

from the contact of the membrane (phase 1) up to the full drilling of the testing membrane (phase 5)



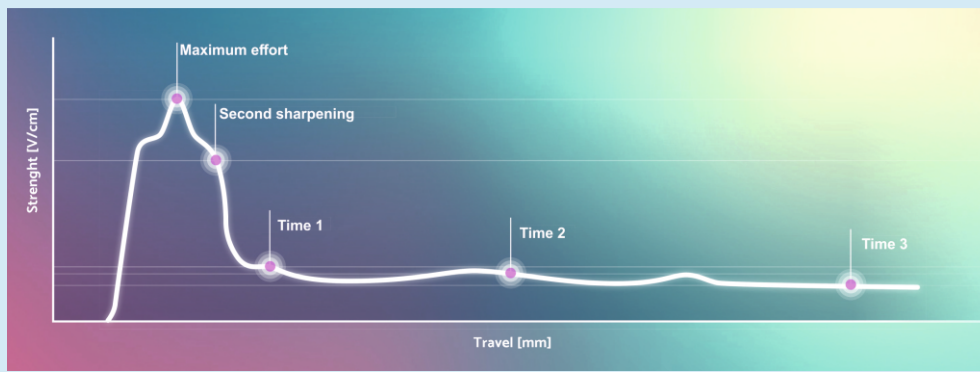
Horizontal axis TRAVEL [mm] is the penetration time of the cannula

Vertical axis STRENGTH [V/cm] electric field strength, every 10mm correspond to 0.1 Volt

Needle technical features:

- triple sharpening
- anti coring effect
- bevel indicators to orient the tip direction
- siliconized to facilitate tissues penetration
- EO sterilized
- hood with sterility guarantee closure





Phases measured during the needle penetration test

The force measured in the tests, needed to pierce the membrane with the needle, is transformed into an electric field and measured in volts. The two comparative tables (below) show the collected values: the lower the V/cm value, the lower the force required to pierce the membrane and the better the needle performance.

Comparative chart analysis of Orabloc needles versus competitors from other countries.

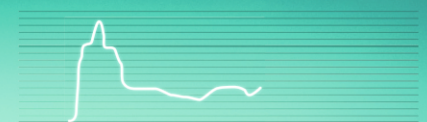
	Maximum loading effort [V/cm]	Second sharpening loading [V/cm]	Time 1 loading [V/cm]	Time 2 loading [V/cm]	Time 3 loading [V/cm]
ORABLOC ITALY	11	7	1	1	1
GERMANY	13	9	4	3	2
KOREA	13	10	2	1	1
JAPAN 1	13	12	4	2	2
JAPAN 2	13	10	6	6	4
FRANCE	13	11	4	3	3



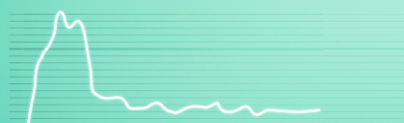
ORABLOC ITALY



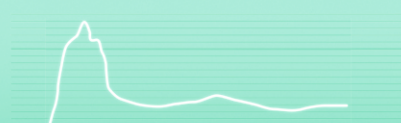
EUROPE 1



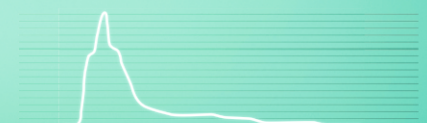
KOREA



JAPAN 1

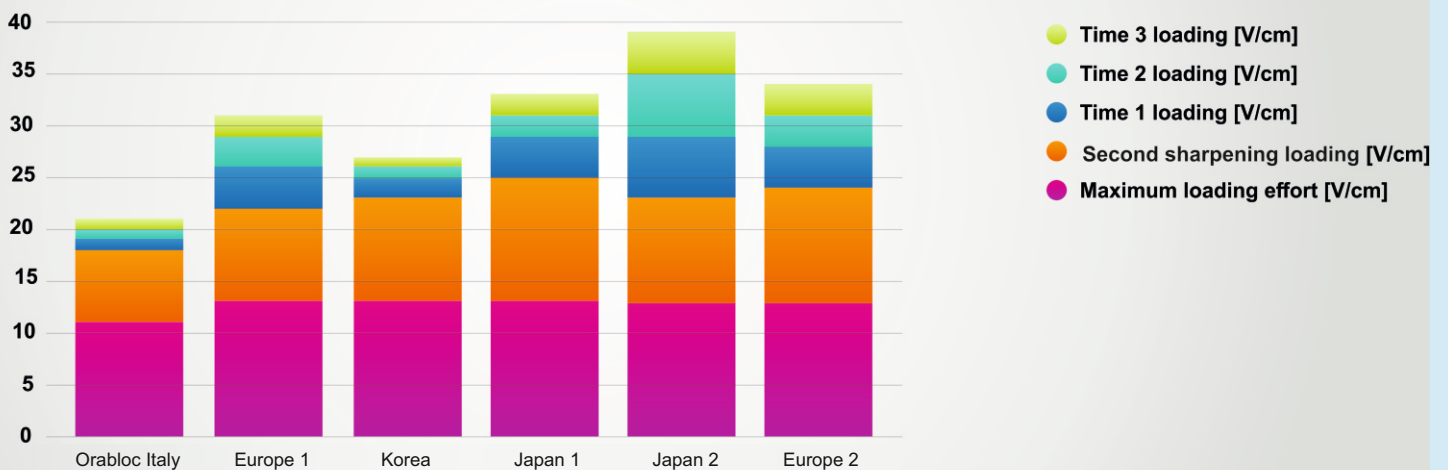


JAPAN 2



EUROPE 2

Chart showing collected data



Reported data showing the average of the measured values, based on the analysis of a large sample of penetration tests.

The perfect sharpening surface of the needles tested in every penetration phase places the Orabloc needles at the top of the quality standard

NEEDLES

Item #					Type of injection
103003012	thirty extra short	30G ES x 3/8"	10mm		Periapical
103003025	thirty short	30G S x 1"	25mm		Periapical
102704025	twentyseven short	27G S x 1"	25mm		Periapical
102704036	twentyseven long	27G L x 1 3/8"	35mm		Nerve block
102505036	twentyfive long	25G L x 1 3/8"	35mm		Nerve block

100 pre-threaded plastic hub needles per box

10 boxes per case

Features

