



## Luxator® LX Mechanical Periosteal Elevator

Setting a new standard for trauma free extraction, the new Luxator LX mechanical periosteal elevator offers improved safety, precision and access.

Optimal access - quicker extractions and minimal tissue damage  
Reciprocating tip in a vertical direction - secure cutting of the fibers in a patient friendly way  
Self directing tip - allows the Periosteal Elevator tip to follow the root surface, reducing the risk of bone damage  
Pre-extraction procedure - will only cut when under pressure, no risk of slipping  
Titanium coated tip - durable tip that will remain sharp

# Luxator® LX

Design by Dentists™

clinical innovations *Winner*

RATING  
4.0

Dental PRODUCT SHOPPER  
RECOMMENDED  
2014



## 4 reasons to use Luxator® LX

### #1 Optimal access

Undisputable access in hard to reach areas.

### #3 Vertical reciprocating tip

Enables safe cutting of the periodontal ligaments.

### #2 Atraumatic extractions

Minimal risk of tissue damage.  
Fast recovery for the patient.  
Facilitates direct placement of implants.

### #4 Self directing tip

Allows the periotome to follow the root surface and reduce the risk of bone damage.



### Technique





**(3:1) LX2L**  
Long, width 2 mm

**(3:1) LX3L**  
Long, width 3 mm

### Luxator® LX Periotome Tips

LX2S	Short	length 15 mm,	width 2 mm	
LX3S	Short	length 15 mm	width 3 mm	
LX2L	Long	length 19 mm	width 2 mm	(see picture)
LX3L	Long	length 19 mm	width 3 mm	(see picture)

The Periotome tips are made of titanium coated stainless steel. Do not sharpen.

### Luxator® LX handpiece

- Standard E-fitting
- Anodized aluminium
- Recommended speed 1000-4000 rpm (low speed)
- Maximum speed 4000 rpm
- Axial stroke

### How to use

1. X-ray
2. Plan the extraction considering separation (recommended) of multiple root.  
Use a probe to find the weak point in the sulcus around the root.
3. Mount the handpiece on the standard connection, adjusted to 1000-4000 rpm.
4. Internal water or spray shall be turned off.
5. Start using 2mm tip, short or long. (Observe, no interference with opposite jaw due to risk of vibrations.)
6. Test drive and check tip is correctly inserted before insertion into oral cavity.
7. Let the tip work itself down in the periodontal pocket all around the root. Start in the weak point.
8. Change to 3mm tip if needed.
9. If needed, continue the extraction using manual extraction instruments (e.g. Luxator Periotome/Luxator Forte or a forceps).

### Caution

Do not exceed 4000 rpm. Exceeding could cause discomfort in terms of vibrations to both patient and/or operator.

### Luxator® LX Mechanical Periotome

Prod No	Product Description	Quantity
506443	Luxator LX Starter Kit 2 Periotome Tips Short 2mm & 3mm, 2 Periotome Tips Long 2mm & 3mm, tip holder & plunger)	1 pc
506446	Luxator LX Handpiece	1 pc
506441	Periotome Tip LX3S Short 3mm	1 pc
506442	Periotome Tip LX3L Long 3mm	1 pc
506444	Periotome Tip LX2S Short 2mm	1 pc
506445	Periotome Tip LX2L Long 2mm	1 pc

**Luxator® LX**  
Design by Dentists™







## Clinical Case

More Clinical cases on Directa's webpage



Insert the Periotome Tip into the handpiece, starting with 2mm tip.



Activate the mechanical periotome and luxate at a low speed (2000 - 4000 rpm).



Let the Periotome Tip work around the tooth to cut the periodontal fibers. Press firmly and follow the surface of the root.



Use a Luxator Forte to judge the actual status of the luxation. If necessary continue with Luxator LX. If entering is hard, try to get an access point with a Luxator Periotome and then continue the luxation work with Luxator LX.



Remove the tooth with ordinary forceps or Luxator RootPicker.



Successful extraction with minimal tissue damage.