

# Luxator<sup>®</sup>

By DIRECTA

Directa's products are developed and evaluated by our selected team of highly-qualified and renowned Swedish and international dentists with the aim of making life easier for the dentist in his daily clinical work.

**DIRECTA**  
directadental.com



## **Luxator®** **all you need for a successful extraction!**

The ability to reduce trauma during tooth extraction has become extremely important, especially for patients requiring subsequent implant placement with minimal bone lost. Modern implant techniques require real alternatives to traumatic forcep extractions.

The Luxator product line offers a safe and precise solution for successful extractions. The fine tapered blade compresses the alveolar, cuts the membrane, and gently eases the tooth from its socket reducing damage to surrounding tissue, keeping a better anatomy for an implant site. The shape and size of the handle is designed to minimize the force needed during the extraction. The thin blade can be easily inserted between the bone and the root with minimal destruction.

Manufactured with Swedish stainless steel, these instruments are extremely durable, retaining their strength and sharpness after repeated use and sterilization. With their acclaimed ergonomic handle Luxator Instruments are discernibly different and recognized worldwide as one of the best surgical instruments on the market!

Luxator® is a registered trademark owned by Directa.



# Luxator®

## Luxator® Periotomes

Luxator Periotome  
Luxator Short Periotome  
Luxator Dual Edge Periotome  
Luxator Titanium Periotome  
Luxator LX Mechanical Periotome

**page: 4-29**

page: 8-11  
page: 12-15  
page: 16-19  
page: 20-23  
page: 24-29

## Luxator® Forte Elevator

**page: 30-33**

## Luxator® RootPicker

**page: 36-39**





## **Preserved bone integrity and dramatically less trauma for your patients and their dentition**

Luxator Periostomes are specially designed with fine tapering blades that compress the alveolar bone, cut the membrane and gently ease the tooth from its socket. The whole operation is performed with a minimum of tissue damage.





## **Ergonomic design, world acclaimed handle design**

The Luxator instruments were invented by a Swedish dentist to make extractions as trauma free as possible. He developed subtleties in the design that only a practicing dentist would appreciate. With an acclaimed, ergonomic handle Luxator Instruments are discernibly different. The Luxator is ergonomically designed for comfort and control during use. The shape and size of the handle is designed to minimize the force needed. The Luxator extraction instrument product range enhances the outstanding selection of high quality extraction instruments from Directa.

# 4

## Reasons to use Luxator® Periotome

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### Ergonomic design

World acclaimed ergonomic design of the handle. Minimizes fatigue.

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### Atraumatic extraction

The fine tapered blade compresses the alveolar bone and cuts the periodontal ligaments.

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### Maximum tactility

The use of highest quality materials gives the instruments outstanding tactility.

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### Wide range of sizes and shapes

Unique variety of sizes and shapes enables users to find the ideal instrument for any extraction.

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## Luxator® Periotome periodontal ligament knife

Prod No: 506352, L2S, 2mm, straight blade, dark green  
Prod No: 506330, Luxator Kit K4  
Prod No: 506331, Luxator Kit K7  
Prod No: 506332, Luxator Kit K VET

Luxator Periotomes are the preferred instruments for performing extractions. Luxator Periotomes are specially designed periodontal ligament knives with fine tapering blades that compress the alveolar bone, cut the ligament and gently ease the tooth from its socket. The whole operation is performed with a minimum of tissue damage. Available in 8 blade sizes. Autoclavable Fixus 1 case included.



**L1S**  
**Periotome**  
**506355**  
1 mm  
Straight  
Standard



**L2S**  
**Periotome**  
**506352**  
2 mm  
Straight  
Standard



**L3S**  
**Periotome**  
**506340**  
3 mm  
Straight  
Standard



**L3C**  
**Periotome**  
**506341**  
3 mm  
Curved  
Standard



**L3CA**  
**Periotome**  
**506353**  
3 mm  
Contra Angle  
Standard



**L3IC**  
**Periotome**  
**506354**  
3 mm  
Inverted Curved  
Standard



**L5S**  
**Periotome**  
**506342**  
5 mm  
Straight  
Standard



**L5C**  
**Periotome**  
**506342**  
5 mm  
Curved  
Standard

# 4

## Reasons to use Luxator® Short Periotome

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### Shorter blade

World acclaimed handle design. Minimizes fatigue. The 10mm shorter blade enables an optimal working position for smaller hands.

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### Atraumatic extractions

The fine tapered blade compresses the alveolar bone and cuts the periodontal ligaments.

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### Maximum tactility

The use of highest quality material gives the instruments outstanding tactility.

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### Wide range of sizes and shapes

Five sizes and shapes enable users to find the ideal instrument for any extraction.

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## **Luxator® Short Periotome** **the original with a shorter blade**

Prod No: 506361, S3CA, 3mm, contra angle, dark blue  
Prod No: 506333, Luxator Kit SK4

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Attains the correct working position - even with smaller hands. The shaft is 10mm shorter than on regular Luxator Periotome. Preserved bone integrity and dramatically less trauma for your patients and their dentition. Available in 5 blade sizes. Autoclavable Fixus 1 case included.



**S2S**  
**Periotome**  
**506358**  
2 mm  
Straight  
Short



**S3S**  
**Periotome**  
**506360**  
3mm  
Straight  
Short



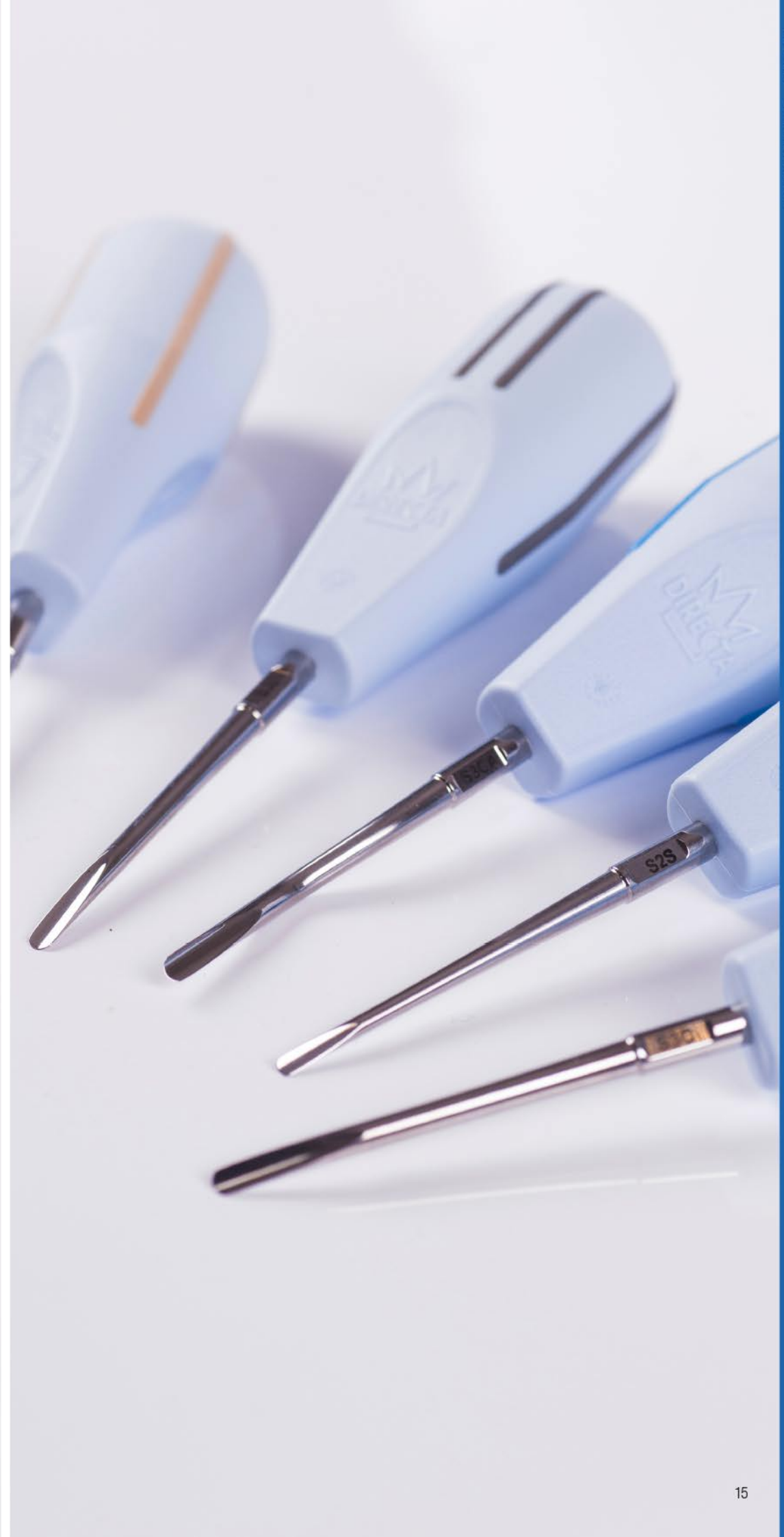
**S3C**  
**Periotome**  
**506359**  
3 mm  
Curved  
Short



**S3CA**  
**Periotome**  
**506361**  
3 mm  
Contra Angle  
Short



**S5S**  
**Periotome**  
**506362**  
5 mm  
Straight  
Short



# 4

## Reasons to use Luxator® Dual Edge

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### Dual Edge

Integrated periosteal and Luxator tip.

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### Safer insertion

The Dual Edge tip offers safer stepped insertion and reduces the risk of slipping.

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### Ideal for fractured teeth

Unique Dual Edge tip enables to find the root and margin and then start the luxating procedure.

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### Perfect starter in difficult cases

The thin periosteal part is ideal to use as a starter for difficult extractions.

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## **Luxator® Dual Edge Periotome** **innovative dual purpose tip**

Prod No: 506356 Luxator DE3, 3mm/1,5mm, dual edge, tan

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Integrated probing Luxator Periotome. Safer stepped insertion reduces the risk of slipping. Ideal for deeply fractured teeth and decayed roots. Available in 2 blade sizes. Autoclavable Fixus 1 case included.



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**DE3**  
**Dual Edge**  
**506356**  
3/1.5 mm  
Straight  
Standard

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**DE5**  
**Dual Edge**  
**506357**  
5/3 mm  
Straight  
Standard

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# 4

## Reasons to use Luxator® Titanium

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### Stays sharp

The durable titanium coating ensures that the instrument stays sharp.

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### Low friction

The titanium coating lowers the friction with 43% compared with stainless steel, thus easier to insert into the socket.

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### Ergonomic design

World acclaimed ergonomic design of the handle minimizes fatigue.

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### Wide range of sizes and shapes

Unique variety of sizes and shapes enables users to find the ideal instrument for any extraction.

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## Luxator® Titanium Periotome sharpen-free instrument

Prod No: 506433 Luxator L3S TiN, grey

Luxator Periotomes are specially designed with fine tapering blades that compress the alveolar bone, cut the ligament and gently ease the tooth from its socket.

The Luxator Titanium Periotome offers enhanced durability and extractions are performed with a minimum of tissue damage. The titanium coating lowers the friction with 43% compared with stainless steel, making it easier to glide into the socket. The new durable titanium coated tip does not require sharpening. Available in 4 blade sizes. Autoclavable Fixus 1 case included.



**L2S TiN**  
**Periotome**  
**506434**  
2mm  
Straight  
Titanium



**L3S TiN**  
**Periotome**  
**506433**  
3mm  
Straight  
Titanium



**DE3 TiN**  
**Dual Edge**  
**506435**  
3 mm  
Straight  
Titanium



**L3A TiN**  
**Periotome**  
**506436**  
3 mm  
Angled  
Titanium



# 4

## Reasons to use Luxator® LX

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### Optimal access

Undisputable access in hard to reach areas.

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### Atraumatic extractions

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

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### Vertical reciprocating tip

Enables safe cutting of the periodontal ligaments.

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### Self directing tip

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

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**clinical innovations** *Winner*

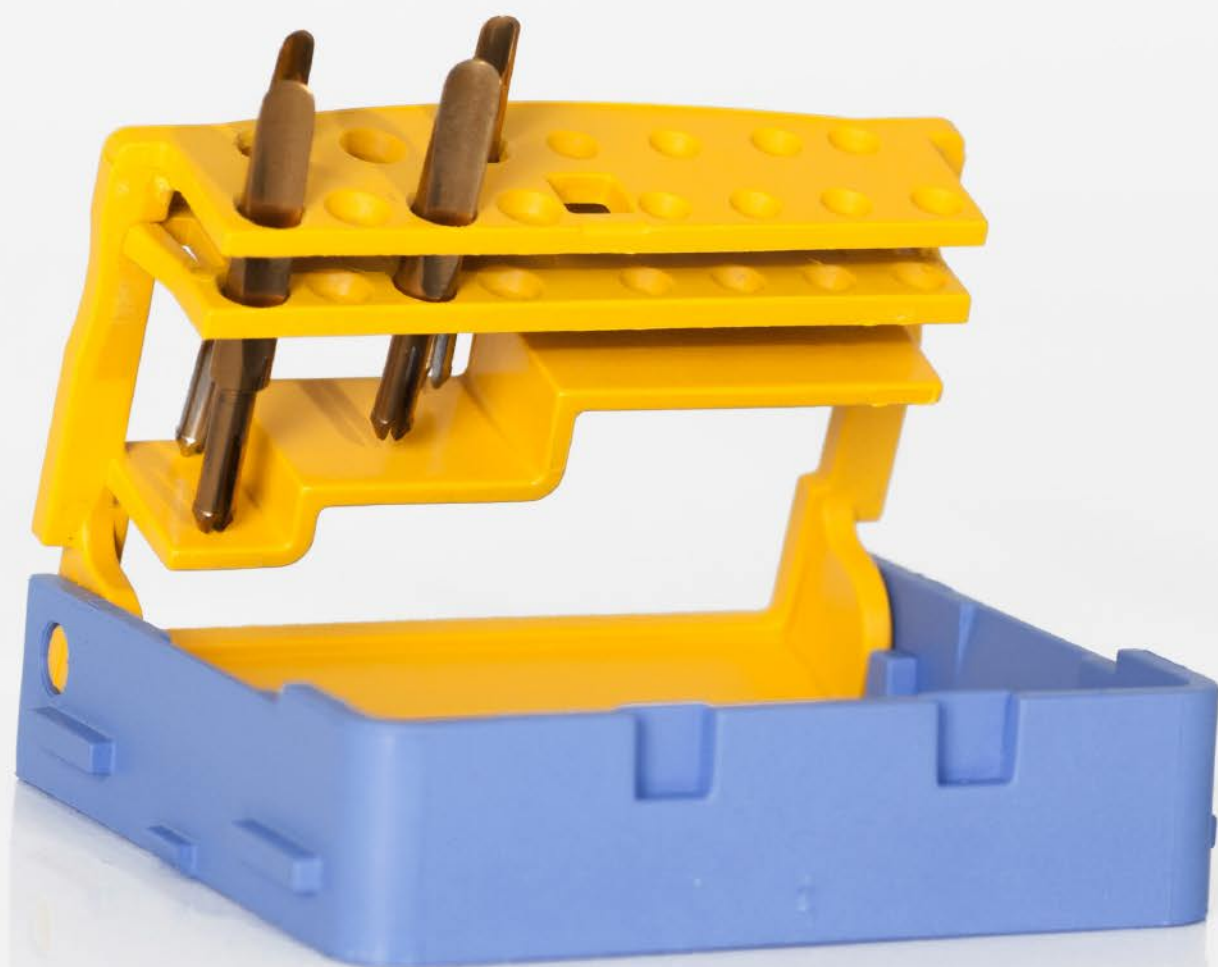


## Luxator® LX mechanical periosteal

Prod No: 506443 Luxator LX Starter Kit

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

Safer extractions with minimal tissue damage, the Luxator LX Mechanical Periosteal helps access hard to reach areas. The self directing, reciprocating movement allows the periosteal tip to follow the root surface and enables a secure cutting of the fibers in a patient friendly way, reducing the risk of bone damage. With a reciprocating tip The Luxator LX Mechanical Periosteal will only cut when under pressure, which means no risk of slipping. The titanium coated tip is a durable tip and remains sharp.



## 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
LX3L	Long	length 19 mm	width 3 mm

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



## Luxator® LX hand piece

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

## Caution

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



## Clinical Case

By Dr. Jure Poglajen  
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 luxation status. If necessary continue with Luxator LX. If entering is hard, try to get an access point with a thin Luxator Periotome and then continue the luxation with Luxator LX.



Remove the tooth with ordinary forceps or Luxator RootPicker.



Successful extraction with minimal tissue damage.



## **Luxator® Forte Elevator for controlled and safer tooth elevation**

Luxator Forte Elevator incorporates the world acclaimed ergonomic handle and a unique cornered, rigid tip that enables elevation of roots without risk of damaging the instrument. Luxator Forte is the perfect match to Luxator Periotome to end a successful extraction!



# 4

## Reasons to use Luxator<sup>®</sup> Forte

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### Ergonomic design

World acclaimed handle. Ergonomic design. Minimizes fatigue.

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### Thin, yet strong

The use of highest quality materials allows the tip to be very thin without its strength thus offering better access.

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### Cornered tip design

The unique cornered design grasps the tooth for safe and controlled elevations.

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### Maximum tactility

Highest quality materials for instruments with outstanding tactility.

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## Luxator® Forte Elevator ergonomic and strong

Prod No: 506371, Luxator F32 Forte, grey

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Incorporates the world acclaimed ergonomic handle and a cornered, rigid tip that enables elevation of roots without risk of damaging the instrument. The unique cornered tip design grasps dentine or root cementum for controlled and safer tooth elevation. Available in 4 blade sizes. Autoclavable Fixus 1 case included.



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**F25**  
**Forte**  
**506370**  
2,5 mm  
Straight  
Standard

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**F32**  
**Forte**  
**506371**  
3,25 mm  
Straight  
Standard

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**F32C**  
**Forte**  
**506373**  
3,25 mm  
Curved  
Standard

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**F40**  
**Forte**  
**506372**  
4 mm  
Straight  
Standard

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# 4

## Reasons to use Luxator® RootPicker

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### Rigid and slim

Designed to offer a strong grip with a slim design that is easy to insert into the alveolus.

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### Unique design

Ideal for handling components used in surgery, such as implant accessories.

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### Four corner grip

Provides an excellent grip on root tips.

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### Straight or angled

For best access.

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## Luxator® RootPicker grips debris after extraction

Prod No: 506450 RootPicker Straight  
Prod No: 506451 RootPicker Angled  
Prod No: 506452 RootPicker Assortment

During extractions annoying tooth fragments or loose root tips remain attached to the periodontal ligament. These pieces are very small and slippery, making it difficult to grip them with ordinary tweezers or forceps. RootPicker instruments address these problems with the necessary properties to complete the extraction successfully. Luxator RootPicker is a short and rigid instrument easy to insert into the alveolus. The cleverly designed tip provides a sure grip on the debris. Their straight and angled tips make them ideal for use in the anterior area as well as in the posterior maxillary and mandibular areas.



## Luxator® RootPicker grips implantology components

RootPicker also provides excellent grip for the various components used in surgery such as healing abutments, parallelism indicators, screwdrivers and posts for immediate prosthesis. Their straight and angled design make them ideal for use in the anterior area as well as in the posterior maxillary and mandibular areas.



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