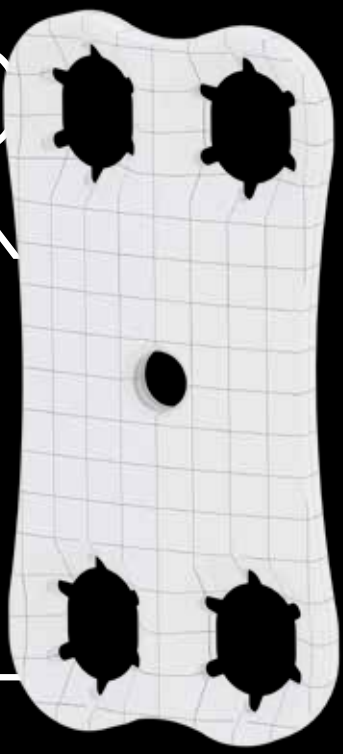
TRYPTIK® PL

BY SPINEART

# CERVICAL PLATE



# CONTENT

# CONCEPT AND DESIGN

In December 2005, the TRYPTIK®$_{CA}$ cervical cage was the first ever Spineart device implanted.
It was soon followed by a cervical plate, the TRYPTIK®$_{PL}$, and a cervical modular cage, the TRYPTIK®$_{MC}$, completing the range and creating a cervical fusion platform made of 3 devices for only 1 compact set of 7 instruments.
Like triptych, an art work composed of 3 sections, the core principle of the cervical fusion range stands on 3 solutions : a cage, a modular cage-plate, and a plate.
In each product development, Spineart is relentlessly driven by the same motto : Quality, Innovation, Simplicity.

## AT A GLANCE

**DYNAMIC CONCEPT**

**ANTI BACK-OUT SCREWS**

**LOW PROFILE PLATE**

**UNIVERSAL SET**

## INDICATIONS

The TRYPTIK® range is indicated in following pathologies between C3 to C7:

- Cervical hernia
- Cervicarthrosis
- Degenerative disc disease
- Traumatology

# IMPLANTS

TITANIUM TI 40 PLATE

TITANIUM ALLOY SCREWS

| REFERENCES | |
|---|---|
| **LENGHTS** | **4 HOLES** |
| 20mm | MOS-PL 04 20-S |
| 25mm | MOS-PL 04 25-S |
| 30mm | MOS-PL 04 30-S |

| **LENGHTS** | **6 HOLES** |
|---|---|
| 35mm | MOS-PL 06 35-S |
| 40mm | MOS-PL 06 40-S |
| 45mm | MOS-PL 06 45-S |
| 50mm | MOS-PL 06 50-S |
| 55mm | MOS-PL 06 55-S |

| **LENGHTS** | **8 HOLES** |
|---|---|
| 60mm | MOS-PL 08 60-S |
| 65mm | MOS-PL 08 65-S |
| 70mm | MOS-PL 08 70-S |

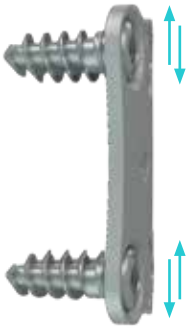
| **LENGHTS** | **10 HOLES** |
|---|---|
| 80mm | MOS-PL 10 80-S |
| 90mm | MOS-PL 10 90-S |

| REFERENCES | |
|---|---|
| **LENGTH / DIAMETER** | **Ø4MM** |
| L12mm | MOS-CS 40 12-S |
| L14mm | MOS-CS 40 14-S |
| L16mm | MOS-CS 40 16-S |
| L18mm | MOS-CS 40 18-S |
| | **Ø4,5MM** |
| L14mm | MOS-CS 45 14-S |
| L16mm | MOS-CS 45 16-S |
| L18mm | MOS-CS 45 18-S |

# TECHNICAL FEATURES

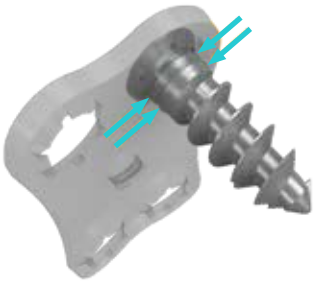
## DYNAMIC CONCEPT

- The plate's oblong holes dynamically lock-up the device.



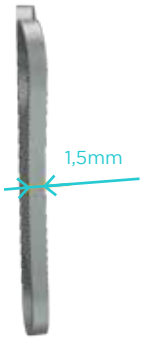
## ANTI BACK-OUT SCREWS

- The plate's anti back-out screws guarantee an optimal security and allow for 20° polyaxiality.



## LOW PROFILE PLATE

- The slimline of the plate (1.5mm) prevents from dysphagia.




## UNIVERSAL SET

- A unique set covers all of TRYPTIK®'s anterior cervical range.

# INSTRUMENT SET


| # | DESCRIPTION | REFERENCE |
|---|---|---|
| 01 | SCREWDRIVER 2.5 | MOS-IN 00 03-N |
| 02 | BONE AWL | MOS-IN 00 01-N |
| 03 | IMPLANT HOLDER | MOS-IN 00 02-N |
| 04 | CALIPER | ELL-IN 00 12-N |
| 05 | PLATE BENDER | MOS-IN 00 06-N |
| 06 | REVISION SCREWDRIVER | MOS-IN 00 10-N |
| | | |
| | INSTRUMENT CONTAINER | MOS-BX 10 01-N |

# INSTRUMENTS

| CALIPER | ELL-IN 00 12-N |
|---|---|

| BONE AWL | MOS-IN 00 01-N |
|---|---|

| IMPLANT HOLDER | MOS-IN 00 02-N |
|---|---|

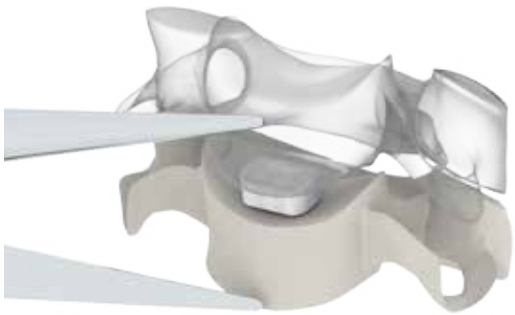
| SCREWDRIVER 2.5 | MOS-IN 00 03-N |
|---|---|

| PLATE BENDER | MOS-IN 00 06-N |
|---|---|

| REVISION SCREWDRIVER (OPTION) | MOS-IN 00 10-N |
|---|---|

# SURGICAL TECHNIQUE

## STEP **1**



DISCECTOMY AND SELECTION OF THE PLATE SIZE

Remove the disc and insert a graft or a cage into the intervertebral disc space. According to the engraved markings on the plate bender, the size of the plate can be chosen by using the caliper.

| INSTRUMENT | REFERENCE |
|---|---|
| CALIPER | ELL-IN 00 12-N |

## STEP **2**

PLATE BENDING

If necessary, bend the plate with the plate bender to adapt it to the anatomy of the vertebral body.

| INSTRUMENT | REFERENCE |
|---|---|
| PLATE BENDER | MOS-IN 00 06-N |

# SURGICAL TECHNIQUE

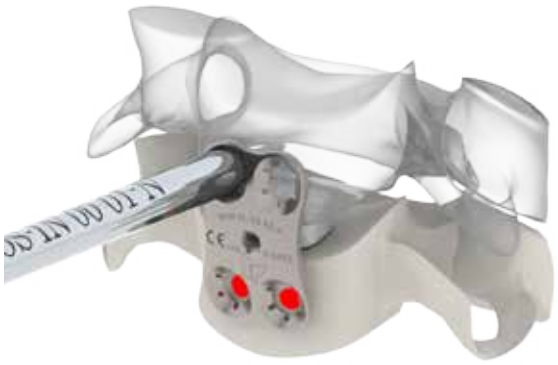
## STEP **3**


PLATE POSITIONING

Screw the plate onto the implant holder and position it onto the vertebral bodies.

| INSTRUMENT | REFERENCE |
|---|---|
| IMPLANT HOLDER | MOS-IN 00 02-N |

## STEP **4**



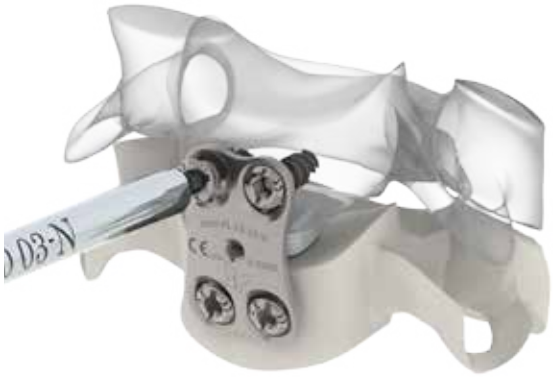
PREPARATION OF THE SCREW SITES

Prepare the insertion holes of the cervical screws with the bone awl.

| INSTRUMENT | REFERENCE |
|---|---|
| BONE AWL | MOS-IN 00 01-N |

# SURGICAL TECHNIQUE

## STEP **5**



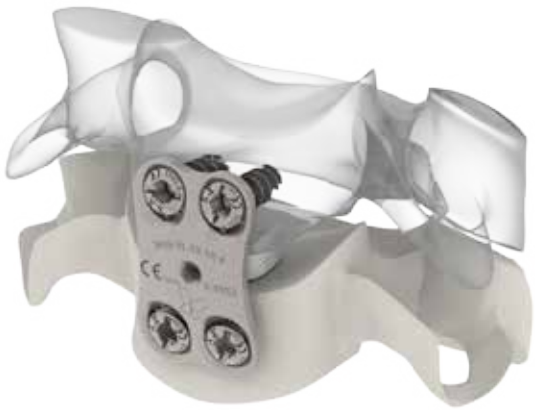
SCREW INSERTION

Tighten the cervical screws until the screw head is in contact with the plate, at this point the anti-back-out feature is effective.

If necessary (i.e. trauma) or desired after fusion, the screws can be removed with a removal instrument.

| INSTRUMENT | REFERENCE |
|---|---|
| SCREWDRIVER 2,5 | MOS-IN 00 03-N |
| REVISION SCREWDRIVER | MOS-IN 00 10-N |

## FINAL CONSTRUCT



# NOTE

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spineart.com

**SPINEART SA**
20 route de Pré-Bois
1215 Geneva 15
Switzerland

**SPINEART USA**
227 East 58th St. 2nd Floor
New York, NY 10022
United States of America

9200 Irvine Center Drive, Suite 150
Irvine, CA 92618
United States of America

SWISS MADE

0414-V1 ref. TRY-BR PL 31-E CE 1250