stryker

Universal Neuro III

1.5mm Cranial fixation system

Universal Neuro III

The Universal Neuro III module neatly contains a comprehensive selection of screws, low profile plates, skull base plates, dynamic mesh, and instrumentation.

Features:

Low profile
Low profile height (0.4mm) with deeper countersinks, broad bars, and a smoother geometry.

AXS screw
Enhanced self-drilling AXS (axial stability) screws help with off-axis loading and insertion.

Specialised plates
Specialised plates to reconstruct difficult skull base approaches with minimal plate modification.

Color coding
Color coding of the modules and associated instrumentation provides ease of use for surgeon and staff.

You specialise in your patients.
We specialise in you.

Module

Universal Neuro III module

The Universal Neuro III module neatly contains a comprehensive selection of skull base plates, low-profile plates, dynamic mesh, screws, and the instrumentation intended for fixations of the cranial bone flaps.

Features:

- Addition of specialised plates to reconstruct difficult skull base approaches with minimal plate modification
- Enhanced self-drilling screws with addition of 3mm option
- Stryker burr hole cover design with added fixation hole and dynamic bar for ease of contouring
- 20% thinner plates* with deeper countersink, broader bars, smoother geometry, and same stability
- Addition of ergonomic screwdriver handle
- Redesigned module with designated pockets for decreased plate stacking and ease of identification
- Customisable screw disc with screws of different lengths

Storage options

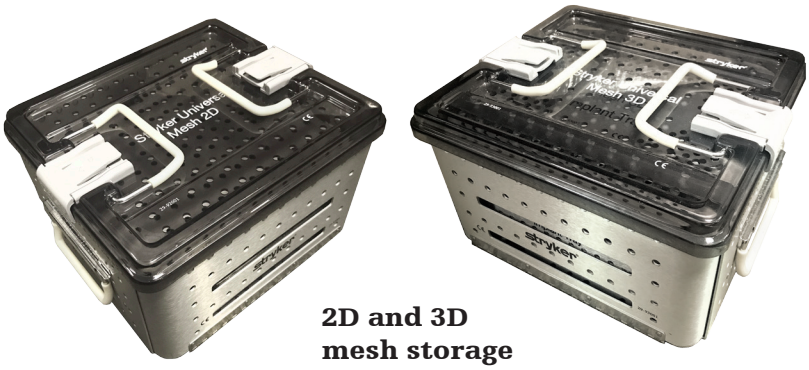
Universal Neuro III system: Storage and sterilisation containers

The Universal Neuro III System features Half (not shown), Combined and Quarter size sterilisation containers to accommodate a wide variety of options for your specific neurosurgical needs. In addition, there are 2D and 3D mesh storage options.

Combined size sterilisation container

Quarter size sterilisation container

VariSpeed sterilisation container



2D and 3D mesh storage

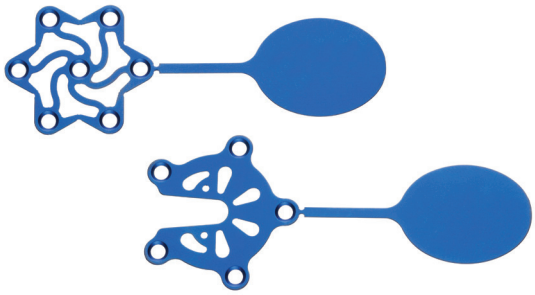
Technology and enhancements

Instrumentation

- Ergonomically shaped screwdriver handle and precisely designed screwdriver blade for improved handling, allowing favorable blade-to-screw interface/retention and easier screw insertion

Burr hole covers

- Stryker burr hole covers with added fixation hole and dynamic bar design for ease of contouring; in addition to two enhanced shunt plate options



Lower profile plates

- 0.4mm profile height is designed to allow for rigid fixation of cranial flaps with decreased palpability
- Deeper countersink* for a more flush plate/screw construct
- Select plates feature break-off tabs for easy handling and identification
- Comprehensive selection of implants including shunt, "dog-bone," gap, and box plates along with 5 sizes of burr hole covers offer numerous fixation options

VariSpeed - battery powered screwdriver

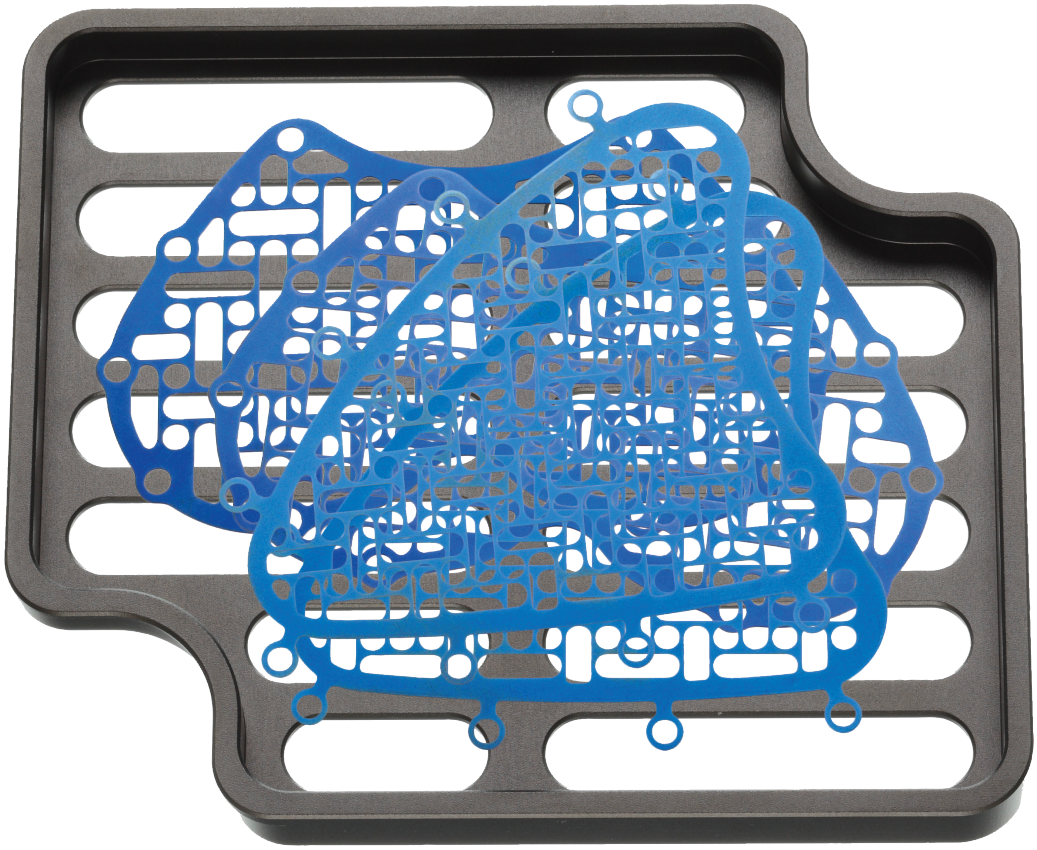
- Touch sensors for continuous, variable speed control
- Forward and reverse capabilities
- Ergonomically balanced for both left and right hand use
- Acoustic Feedback to help ensure battery is attached and device is working properly
- Standby Mode to minimise power consumption and improve battery life
- Improved electrical components to protect against rigorous sterilisation parameters and excessive heat

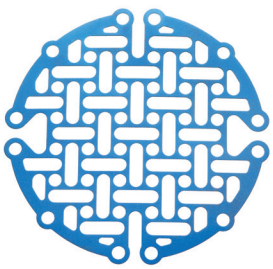
Skull base plates

The addition of dedicated skull base plates may make reconstruction of unique cranial approaches quicker and more efficient through minimal plate modification.

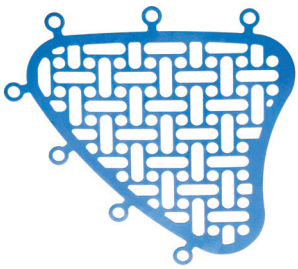
Features:

- Low profile 0.3mm construct for minimal implant palpability
- Multiple thickness and size options to match unique patient needs
- Closed outer frame design offers enhanced stability
- Multiple fixation holes, including long holes within centre of plates, for added rigidity

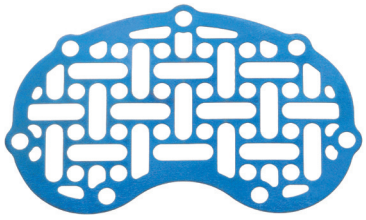




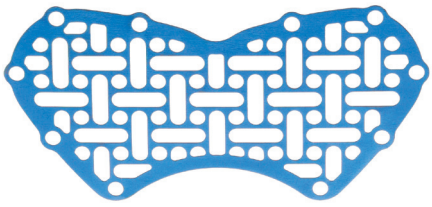
Round



Translabyrinthine



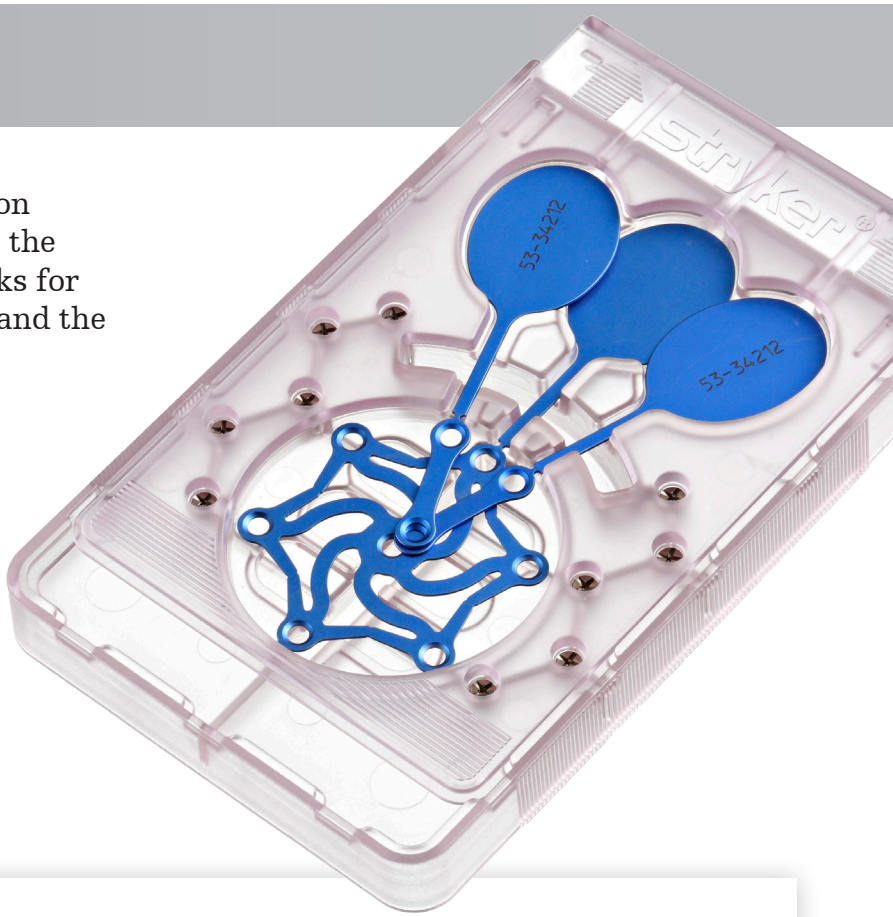
Temporal



Suboccipital

QuikFlap

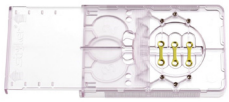
QuikFlap offers an easy, convenient option for cranial flap fixation. Provided sterile, the procedure packs can limit processing risks for the hospital while decreasing inventory and the cost of backstock.



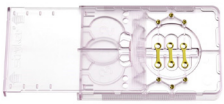
Features:

- Space conservation
- Sterilisation by manufacturer specifications
- Decreases inventory
- Comprehensive product offering
- Offered with the AXS screw

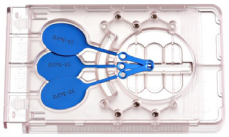
Options:



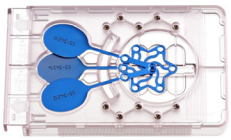
12-01540S - 2-hole plate set with self-drilling screw
Contains:
UNIII 0.6mm 2-hole rigid plate (x3)
UNIII screw AXS self-drilling 1.5x4mm (x6)



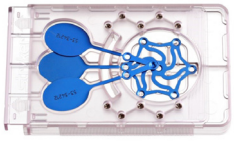
12-01541S - 2-hole plate set, self-tapping screw
Contains:
UNIII 0.6mm 2-hole rigid plate (x3)
UNIII screw AXS self-tapping 1.5x4mm (x6)



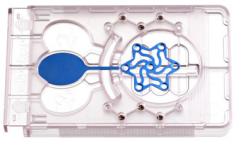
12-01542S - 2-hole plate set, low profile with tab
Contains:
UNIII 0.4mm 2-hole plate with tab (x3)
UNIII screw AXS self-drilling 1.5x4mm (x6)



12-01544S - 2-hole plate burr hole cover 14mm set
Contains:
UNIII 0.4mm 2-hole plate with tab (x2)
UNIII 0.4mm 14mm burr hole cover (x1)
UNIII screw AXS self-drilling 1.5x4mm (x10)



12-01546S - 2-hole plate burr hole cover 20mm set
Contains:
UNIII 0.4mm 2-hole plate with tab (x2)
UNIII 0.4mm 20mm burr hole cover (x1)
UNIII screw AXS self-drilling 1.5x4mm (x10)

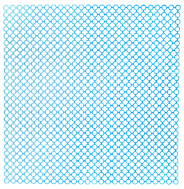


12-01548S - 2-hole plate burr hole cover 14mm set
Contains:
UNIII 0.4mm 14mm burr hole cover (x1)
UNIII screw AXS self-drilling 1.5x4mm (x6)

2D mesh - features and benefits

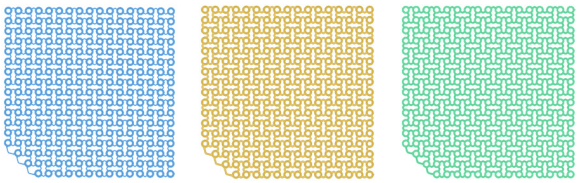
- Countersink - designed to reduce palpability
- Smooth edge aids insertion
- MR conditional - allows diagnostics after implantation
- Variety of mesh types - strength vs malleability
- 0.3mm Hybrid mesh - 3x stronger than 0.3mm Dynamic mesh[1]

Hybrid mesh



Thickness: 0.3mm

Dynamic mesh



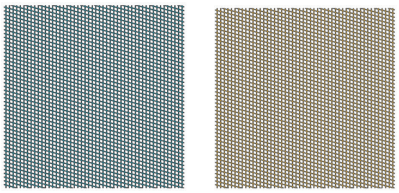
Thickness: 0.3mm **Thickness: 0.6mm** **Thickness: 0.8mm**

Mesh Options

Item number	Sterile Item number	Description	Size
1.2mm Dynamic mesh			
56-90322	56-90322S	Dynamic mesh - malleable - small	40x40x0.3mm
56-90324	56-90324S	Dynamic mesh - malleable - medium	90x90x0.3mm
56-90326	56-90326S	Dynamic mesh - malleable - large	120x120x0.3mm
56-90622	56-90622S	Dynamic mesh - standard - small	40x40x0.6mm
56-90624	56-90624S	Dynamic mesh - standard - medium	90x90x0.6mm
56-90626	56-90626S	Dynamic mesh - standard - large	120x120x0.6mm
56-90628	-	Dynamic mesh - standard - X-large	200x200x0.6mm
1.5/1.7mm Dynamic mesh[2]			
56-90312	56-90312S	Dynamic mesh - malleable - small	40x40x0.3mm
56-90314	56-90314S	Dynamic mesh - malleable - medium	90x90x0.3mm
56-90316	56-90316S	Dynamic mesh - malleable - large	120x120x0.3mm
56-90612	56-90612S	Dynamic mesh - standard - small	40x40x0.6mm
56-90614	56-90614S	Dynamic mesh - standard - medium	90x90x0.6mm
56-90616	56-90616S	Dynamic mesh - standard - large	120x120x0.6mm
56-90618	-	Dynamic mesh - standard - X-large	200x200x0.6mm
56-90814	56-90814S	Dynamic mesh - stiff - medium	90x90x0.8mm
56-90816	56-90816S	Dynamic mesh - stiff - large	120x120x0.8mm
56-90818	-	Dynamic mesh - stiff - X-large	200x200x0.8mm

Item number	Sterile Item number	Description	Size
1.5/1.7mm Hybrid mesh			
56-90342	56-90342S	Hybrid mesh - malleable - small	60x60x0.3mm
56-90344	56-90344S	Hybrid mesh - malleable - medium	90x90x0.3mm
56-90346	56-90346S	Hybrid mesh - malleable - large	120x120x0.3mm
1.2/1.5/1.7 Micro mesh			
54-00260	-	Micro mesh - large	120x120x0.1mm
54-00261	-	Micro mesh - large	120x60x0.1mm
54-00262	-	Micro mesh - medium	60x60x0.1mm
54-00270	-	Micro mesh - large	120x120x0.2mm
54-00271	-	Micro mesh - large	120x60x0.2mm
54-00272	-	Micro mesh - medium	60x60x0.2mm

Micro mesh



Thickness: 0.1mm **Thickness: 0.2mm**

Storage and instrumentation

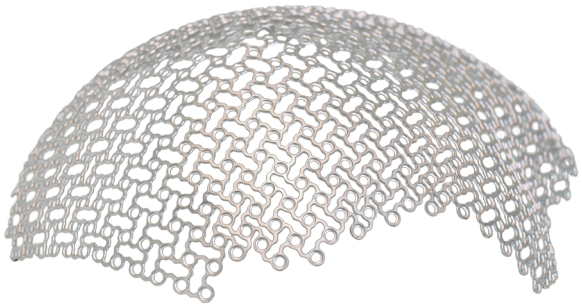
Item number	Description
2D mesh	
29-92001	2D mesh storage rack with lid
29-92002	2D mesh storage tray for implants with lid
29-92003	2D mesh silicon mat - small
29-92004	2D mesh silicon mat - large
29-91002	Storage tray for mesh instruments
01-01036	Mesh cutter coarse
01-01038	Mesh clipper
01-01037	Mesh bender step

3D mesh - features and benefits

Gold 3D mesh

- Countersink - designed to reduce palpability
- Has stiffness equivalent to gold 2D dynamic mesh[3]
- Intended for use for open defects up to 70mm and muscle attachment[4]
- Pre-formed minimises bending effort to fit patient
- MR conditional allows diagnostics after implantation

Item number	Description	Size
1.5/1.7mm Pre-form mesh		
56-90654	Pre-form mesh, standard - medium	90x90x0.6mm
56-90656	Pre-form mesh, standard - large	120x120x0.6mm
56-90658	Pre-form mesh, standard - XL	190x140x0.6mm



Silver 3D mesh

- Countersink - designed to reduce palpability
- Increased stiffness, for increased patient protection, compared to 2D mesh[3]
- Intended for use for open defects up to the size of the mesh and muscle attachment[4]
- Anatomically pre-formed minimises bending to fit patient
- MR conditional allows diagnostics after implantation

Item number	Description	Size
1.5/1.7mm Pre-form lateral mesh		
56-91064	Pre-form lateral mesh, stiff - left	175x120x80mm - 1.0mm
56-91062	Pre-form lateral mesh, stiff - right	175x120x80mm - 1.0mm

Storage and instrumentation

Item number	Description
3D mesh	
29-93001	3D mesh storage rack with lid
29-93002	3D mesh storage tray for implants with lid
29-93003	3D mesh silicon mat
29-91002	Storage tray for mesh instruments
01-01036	Mesh cutter coarse
01-01038	Mesh clipper

Ordering information

1.5mm Neuro plates/mesh product number description

Low profile plates

(Order quantity: package of 1)

53-34804 Straight plate, 8-hole
53-34164 Straight plate, 16-hole
53-34406 Straight plate, 4-hole w/ bar
53-36212 Dog-bone plate, 2-hole rigid (0.6mm), 12mm bar
53-34212 Dog-bone plate, 2-hole, 12mm bar, w/ tab
53-34216 Dog-bone plate, 2-hole, 16mm bar
53-34228 Box plate, 2 x 2 hole, small
53-34300 Rectangle plate, 2 x 2 hole
53-34608 Double-Y plate, 6-hole, w/ bar
53-34612 Gap plate, 6-hole, small
53-34622 Gap plate, 6-hole, large
53-34240 Box plate, 2 x 2 hole, large
53-34230 Box plate, 2 x 2 hole, large, w/ tab
53-34630 X plate, 4-hole

Skull base plates

(Order quantity: package of 1)

53-00362 Round malleable (0.3mm), small
53-00364 Round malleable (0.3mm), medium
53-00466 Round rigid (0.4mm), large
53-00342 Translabyrinthine malleable (0.3mm), small
53-00346 Translabyrinthine malleable (0.3mm), large
53-00324 Temporal malleable (0.3mm)
53-00382 Suboccipital malleable (0.3mm), small
53-00486 Suboccipital rigid (0.4mm), large

Low profile burr hole covers

(Order quantity: package of 1)

53-34507 Burr hole cover, 7mm, with tab
53-34510 Burr hole cover, 10mm, with tab
53-34514 Burr hole cover, 14mm, with tab
53-34520 Burr hole cover, 20mm, with tab
53-34524 Burr hole cover, 24mm, with tab
53-34614 Shunt burr hole cover, 14mm, with tab
53-34620 Shunt burr hole cover, 20mm, with tab

Titanium Mesh
1.2mm Dynamic mesh

56-90322 Dynamic mesh - malleable - small 40x40x0.3mm
56-90324 Dynamic mesh - malleable - medium 90x90x0.3mm
56-90326 Dynamic mesh - malleable - large 120x120x0.3mm
56-90622 Dynamic mesh - standard - small 40x40x0.6mm
56-90624 Dynamic mesh - standard - medium 90x90x0.6mm
56-90626 Dynamic mesh - standard - large 120x120x0.6mm
56-90628 Dynamic mesh - standard - X-large 200x200x0.6mm

1.5/1.7mm Dynamic mesh

56-90312 Dynamic mesh - malleable - small 40x40x0.3mm
56-90314 Dynamic mesh - malleable - medium 90x90x0.3mm
56-90316 Dynamic mesh - malleable - large 120x120x0.3mm
56-90612 Dynamic mesh - standard - small 40x40x0.6mm
56-90614 Dynamic mesh - standard - medium 90x90x0.6mm
56-90616 Dynamic mesh - standard - large 120x120x0.6mm
56-90618 Dynamic mesh - standard - X-large 200x200x0.6mm
56-90814 Dynamic mesh - stiff - medium 90x90x0.8mm
56-90816 Dynamic mesh - stiff - large 120x120x0.8mm
56-90818 Dynamic mesh - stiff - X-large 200x200x0.8mm

1.5/1.7mm Hybrid mesh

56-90342 Hybrid mesh - malleable - small 60x60x0.3mm
56-90344 Hybrid mesh - malleable - medium 90x90x0.3mm
56-90346 Hybrid mesh - malleable - large 120x120x0.3mm

1.2/1.5/1.7mm Micro mesh

54-00260 Micro mesh - large 120x120x0.1mm
54-00261 Micro mesh - large 120x60x0.1mm
54-00262 Micro mesh - medium 60x60x0.1mm
54-00270 Micro mesh - large 120x120x0.2mm
54-00271 Micro mesh - large 120x60x0.2mm
54-00272 Micro mesh - medium 60x60x0.2mm

1.5/1.7mm Pre-form mesh

56-90654 Pre-form mesh, standard - medium 90x90x0.6mm
56-90656 Pre-form mesh, standard - large 120x120x0.6mm
56-90658 Pre-form mesh, standard - XL 190x140x0.6mm

1.5/1.7mm Pre-form lateral mesh

56-91064 Pre-form lateral mesh, stiff - left 175x120x80mm - 1.0mm
56-91062 Pre-form lateral mesh, stiff - right 175x120x80mm - 1.0mm

Neuro containers product number description

2D mesh storage and instruments

29-92001 2D mesh storage rack with lid
29-92002 2D mesh storage tray for implants with lid
29-92003 2D mesh silicon mat - small
29-92004 2D mesh silicon mat - large
29-91002 Storage tray for mesh instruments
01-01036 Mesh cutter coarse
01-01038 Mesh clipper
01-01037 Mesh bender step

3D mesh storage and instruments

29-93001 3D mesh storage rack with lid
29-93002 3D mesh storage tray for implants with lid
29-93003 3D mesh silicon mat
29-91002 Storage tray for mesh instruments
01-01036 Mesh cutter coarse
01-01038 Mesh clipper

Ordering information

Sterilisation containers

29-15330 Module with lid
29-15331 Plate inlay
29-15335 Mesh inlay
29-15336 Screw disc inlay
29-15332 Instrument inlay
29-15012 Half-size container
29-15013 Half-size lid
29-15023 Lid for combined tray
29-15026 Combined container
29-15027 Mat for combined tray
29-15028 Instrument inlay for combined tray
29-15031 Quarter-size container
29-15032 Quarter-size lid
29-15036 Accessory tray
29-15037 Silicon mat

1.5mm Neuro screws product number description

Screw disc - pre-loaded

(Order Qty: Pkg of 1)
29-15993 Screw disc, 1.5 x 3mm, SD, 80/p
29-15994 Screw disc, 1.5 x 4mm, SD, 80/p
29-15995 Screw disc, 1.5 x 5mm, SD, 80/p
29-15094 Screw disc, 1.5 x 4mm, ST, 80/p
29-15095 Screw disc, 1.5 x 5mm, ST, 80/p

Screw disc - empty

(Order Qty: Pkg of 1)
29-15091 Screw disc, 1.5mm, empty

1.5mm Self-drilling screws

(5 screws/package)
56-15933 UNIII screws, SD, 1.5 x 3mm, 5/p
56-15934 UNIII screws, SD, 1.5 x 4mm, 5/p
56-15935 UNIII screws, SD, 1.5 x 5mm, 5/p

1.5mm Self-tapping screws

(1 screw/package)
56-15034 UNIII screws, ST, 1.5 x 4mm, 5/p
56-15035 UNIII screws, ST, 1.5 x 5mm, 5/p
56-15036 UNIII screws, ST, 1.5 x 6mm, 5/p

1.7mm emergency screws

(1 screw/package)
56-17334 UNIII Screws, EM, 1.7 x 4mm, 1/p

Twist drills (Single use only)

(Order quantity: package of 1)
60-12594 1.2mm drill bit, 4mm stop, J-latch end
60-12596 1.2mm drill bit, 6mm stop, J-latch end
60-12394 1.2mm drill bit, 4mm stop, TPS end
60-12396 1.2mm drill bit, 6mm stop, TPS end

Neuro instrumentation product number description

Instrumentation

62-18110 Plate forcep
62-18330 In-situ cutter
62-15001 Screwdriver handle, small
62-15002 Screwdriver handle, medium
62-15035 UNIII screwdriver blade, long
62-15036 UNIII screwdriver blade, short
36-00726 Plate bending plier
64-00132 Mesh bending plier
37-10930 Plate/mesh scissors
60-12294 Drill w/ dental interface
60-12296 Drill w/ dental interface
01-01036 Mesh cutter coarse
01-01038 Mesh clipper

Markers

52-00003 Screw marker 3mm
52-00004 Screw marker 4mm
52-00005 Screw marker 5mm
52-00006 Screw marker 6mm

Ordering information
Pre-packaged sterile products

Quik Flap Kits (sterile packed plates and screws)

12-01540S	AXS pp, 3 x 2-hole dog bone plates with 1.5 x 4mm self drilling screws
12-01541S	AXS pp, 3 x 2-hole dog bone plates with 1.5 x 4mm self tapping screws
12-01542S	AXS pp, 3 x 2-hole plates with tab, 1.5 x 4mm self drilling screws
12-01544S	AXS pp, 1 x 14mm burr hole cover, 2 x 2-hole plates, 1.5 x 4mm self drilling screws
12-01546S	AXS pp, 1 x 20mm burr hole cover, 2 x 2-hole plates, 1.5 x 4mm self drilling screws
12-01548S	AXS pp, 1 x 14mm burr hole cover, 1.5 x 4mm self drilling screws

1.5 Neuro screws pre-packaged sterile product number & description

Sterile AXS screws for Uni3 Neuro

56-15034S1	UNIII AXS screws, self-tapping, 1.5 x 4mm, 1/p
56-15034S4	UNIII AXS screws, self-tapping, 1.5 x 4mm, 4/p
56-15035S1	UNIII AXS screws, self-tapping, 1.5 x 5mm, 1/p
56-15035S4	UNIII AXS screws, self-tapping, 1.5 x 5mm, 4/p
56-15036S1	UNIII AXS screws, self-tapping, 1.5 x 6mm, 1/p
56-15036S4	UNIII AXS screws, self-tapping, 1.5 x 6mm, 4/p
56-15933S1	UNIII AXS screws, self-drilling, 1.5 x 3mm, 1/p
56-15933S4	UNIII AXS screws, self-drilling, 1.5 x 3mm, 4/p
56-15934S1	UNIII AXS screws, self-drilling, 1.5 x 4mm, 1/p
56-15934S4	UNIII AXS screws, self-drilling, 1.5 x 4mm, 4/p
56-15935S1	UNIII AXS screws, self-drilling, 1.5 x 5mm, 1/p
56-15935S4	UNIII AXS screws, self-drilling, 1.5 x 5mm, 4/p
56-17334S1	UNIII AXS screws, emergency, 1.7 x 4mm, 1/p
56-17334S4	UNIII AXS screws, emergency, 1.7 x 4mm, 4/p
62-15035	UNIII AXS screwdriver blade, long
62-15036	UNIII AXS screwdriver blade, short

Drill Bits

91-12306	1.2mm drill bit, 6mm stop, TPS end
91-12506	1.2mm drill bit, 6mm stop, J-latch end
91-12304	1.2mm drill bit, 4mm stop, TPS end
91-12504	1.2mm drill bit, 4mm stop, TPS end

1.5 Neuro plates/mesh pre-packaged sterile product number & description

Sterile Uni3 Neuro PLATES

53-34164S	Un3 straight plate, 16 hole
53-34212S	Un3 straight plate, 2 hole, w/tab
53-34216S	Un3 straight plate, 2 hole
53-34228S	Un3 box plate, small
53-34230S	Un3 box plate, large, w/tab
53-34240S	Un3 box plate, large
53-34300S	Un3 rectangle plate
53-34406S	Un3 straight plate, 4 hole w/bar
53-34507S	Un3 burr hole cover, 7mm, w/tab
53-34510S	Un3 burr hole cover, 10mm, w/tab
53-34514S	Un3 burr hole cover, 14mm, w/tab
53-34520S	Un3 burr hole cover, 20mm, w/tab
53-34524S	Un3 burr hole cover, 24mm, w/tab
53-34608S	Un3 double-y plate, 6-hole, w/bar
53-34612S	Un3 gap plate, 6 hole, small
53-34614S	Un3 shunt plate, 14mm, w/tab
53-34620S	Un3 shunt plate, 20mm, w/tab
53-34622S	Un3 gap plate, 6 hole, large
53-34630S	Un3 x plate, 4 hole
53-34804S	Un3 straight plate, 8 hole
53-36212S	Un3 straight plate, 2 hole, rigid

Sterile Skull Base Plates

53-00362S	Mesh Plate, round, small, sterile
53-00364S	Mesh Plate, round, medium, sterile
53-00466S	Mesh Plate, round, large, sterile
53-00342S	Translabyrinthine Plate, small, sterile
53-00346S	Translabyrinthine Plate, large, sterile
53-00324S	Temporal Plate, medium, sterile
53-00382S	Suboccipital Plate, small, sterile
53-00486S	Suboccipital Plate, large, sterile

Sterile Titanium Mesh 1.2mm Dynamic mesh

56-90322S	Dynamic mesh - malleable - small 40x40x0.3mm
56-90324S	Dynamic mesh - malleable - medium 90x90x0.3mm
56-90326S	Dynamic mesh - malleable - large 120x120x0.3mm
56-90622S	Dynamic mesh - standard - small 40x40x0.6mm
56-90624S	Dynamic mesh - standard - medium 90x90x0.6mm
56-90626S	Dynamic mesh - standard - large 120x120x0.6mm

Sterile 1.5/1.7mm Dynamic mesh²

56-90312S	Dynamic mesh - malleable - small 40x40x0.3mm
56-90314S	Dynamic mesh - malleable - medium 90x90x0.3mm
56-90316S	Dynamic mesh - malleable - large 120x120x0.3mm
56-90612S	Dynamic mesh - standard - small 40x40x0.6mm
56-90614S	Dynamic mesh - standard - medium 90x90x0.6mm
56-90616S	Dynamic mesh - standard - large 120x120x0.6mm
56-90814S	Dynamic mesh - stiff - medium 90x90x0.8mm
56-90816S	Dynamic mesh - stiff - large 120x120x0.8mm

Sterile 1.5/1.7mm Hybrid mesh

56-90342S	Hybrid mesh - malleable - small 60x60x0.3mm
56-90344S	Hybrid mesh - malleable - medium 90x90x0.3mm
56-90346S	Hybrid mesh - malleable - large 120x120x0.3mm

Complementary products

DirectInject

DirectInject is the first and only on-demand HA cement, redefining ease-of-use in cranial closure. It's intended to repair neurosurgical burr holes, contiguous craniotomy cuts and other cranial defects.

Applications

- Ready for implantation immediately upon request
- A second mixer-cannula allows for dual interval implantation
- Requires no manual mixer or preparation
- Maintains consistent viscosity wtih negligible displacement of cement

DuraMatrix-Onlay PLUS

DuraMatrix-Onlay PLUS is derived from purified, bovine Achilles tendon. It is intended for use as a dura substitute for the repair of dura mater.

Features

- Leak resistant, providing durability and additional protection against CSF leaks[1,2,3]
- Resorption time of approximately 8 weeks that occurs at a balanced rate[2,3]
- Sponge-like product that conforms to the natural contours of the defect site

Cranial iD - patient specific implants

Cranial iD implants are designed to allow you to address your patients desire for complete restoration and aesthetic results. These are available in the material of your choice including MEDPOR and PEEK.

Features

- Pterional PLUS implants are available in both MEDPOR and PEEK materials
- PEEK is designed with exacting parameters to optimise the bone-to-implant interface
- MEDPOR's biocompatible material makes it easy to modify

MEDPOR neuro implants

MEDPOR porous polyethylene implants provide surgeons with an expanding range of options for reconstruction and augmentation. MEDPOR is a biocompatible, porous polyethylene material. The interconnecting, omni-directional pore structure may allow for fibrovascular in-growth and integration of the patient's tissue.[4]

Applications

- Craniofacial reconstruction and repair of craniofacial trauma
- Implants intended for reconstruction of the cranium
- Implants with Titanium mesh embedded in the MEDPOR biomaterial are designed to help the implant retain its shape when bent and contoured to meet a specific patient defect
- May be trimmed and cut with surgical scissors.
- Easily fixated with plates/screws.

Delta system

Delta System resorbable implant technology merges science and simplicity. The system consists of resorbable bone plates and screws fabricated from a unique tripolymer. The Delta system tripolymer is a composition of poly L-Lactide/D-Lactide/Glycolide having a molecular ratio of 85/5/10. The resulting tripolymer is combination of strength, contourability and absorption, well suited for craniomaxillofacial surgery.

Applications

- Adult and pediatric craniomaxillofacial applications
- Fixation of bones affected by trauma or for reconstruction
- Cranial flap fixation
- Comminuted fractures
- Reconstructive procedures of the midface

Colorado needle

The Colorado microdissection needle has an ultra-sharp tip for clean, precise soft tissue dissection. The heat resistant tungsten alloy maintains tip sharpness, and is highly polished for easy cleaning. We offer a wide selection of needle electrodes and standard shaft sizes for use in standard handpieces.

Applications

- Electro-cutting and electro-coagulation during electrosurgery

References:
1. In vitro data on file at Collagen Matrix, Inc.
2. Rabbit duraplasty study. Data on file at Collagen Matrix inc.
3. The results of preclinical in vitro studies may not be indicative of human clinical outcomes In vivo evaluation of resorption in a rabbit duraplasty model. Data on file.
4: Liu JK, Gotfried ON, Cole CD, Dougherty,WR, CouldwellWT, "MEDPOR Porous Polyethylene implant for Cranioplasty and Skull Base Reconstruction"Neurosurgery [April 2004].

* When compared to Stryker Universal Neuro II System Implants
1 Stryker Test Reports TI2269 and TI3137
2 Stryker Test Reports TI2441 and TI2446

Craniomaxillofacial

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