

LEIBINGER Universal Neuro III

Value Analysis Committee: Information for the Evaluation Form

Description of Product

Universal Neuro III is Stryker's newest titanium plating system for neurosurgery. It contains a comprehensive selection of low profile plates, mesh, screws, and the instrumentation needed to fixate cranial bone flaps. It is a color coded, labeled system to help ensure proper handling and system management. The plates offer a thinner profile while maintaining the strength of the previous generation. The corresponding screws have improved bite and require fewer turns to insert¹, potentially reducing the time required to close. Additional plate options and dedicated skull base mesh are available to address a wider variety of needs and meet specific surgeon preferences.

Value Proposition

Our third generation neuro closure system offers plates that are 20% thinner, 4mm self drilling screws that have up to 40% better initial bite and reach full insertion with 25% fewer turns, redesigned burr hole covers and screwdriver handle, and newly designed mesh for skull base procedures.¹

Product Differences

Versus UNII:

- Thinner plate/screw profile height, potentially reducing palpability
- Addition of dedicated skull base mesh to address specific cases
- Addition of a shorter self drilling screw (3mm) to address specific needs
- Fewer turns required to insert screws, resulting in potentially faster insertion¹
- More ergonomic screwdriver handle design potentially eases screw insertion

Product's Impact on Patient Care

- Lower profile height, potentially reducing palpability
- Dedicated skull base mesh eliminates need for shaping, reducing risk of sharp edges

EPS Sites

- University of Southern California, Los Angeles, CA
- George Washington University, Washington DC
- Ochsner Health System, New Orleans, LA
- University of Medicine/UMDNJ, New Brunswick, NJ
- Washington University, St. Louis, MO
- St. Johns Mercy Medical Center, St. Louis, MO
- Florida Hospital, Orlando, FL

References:

1. Stryker test report numbers TI 2269 and TI 3137

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