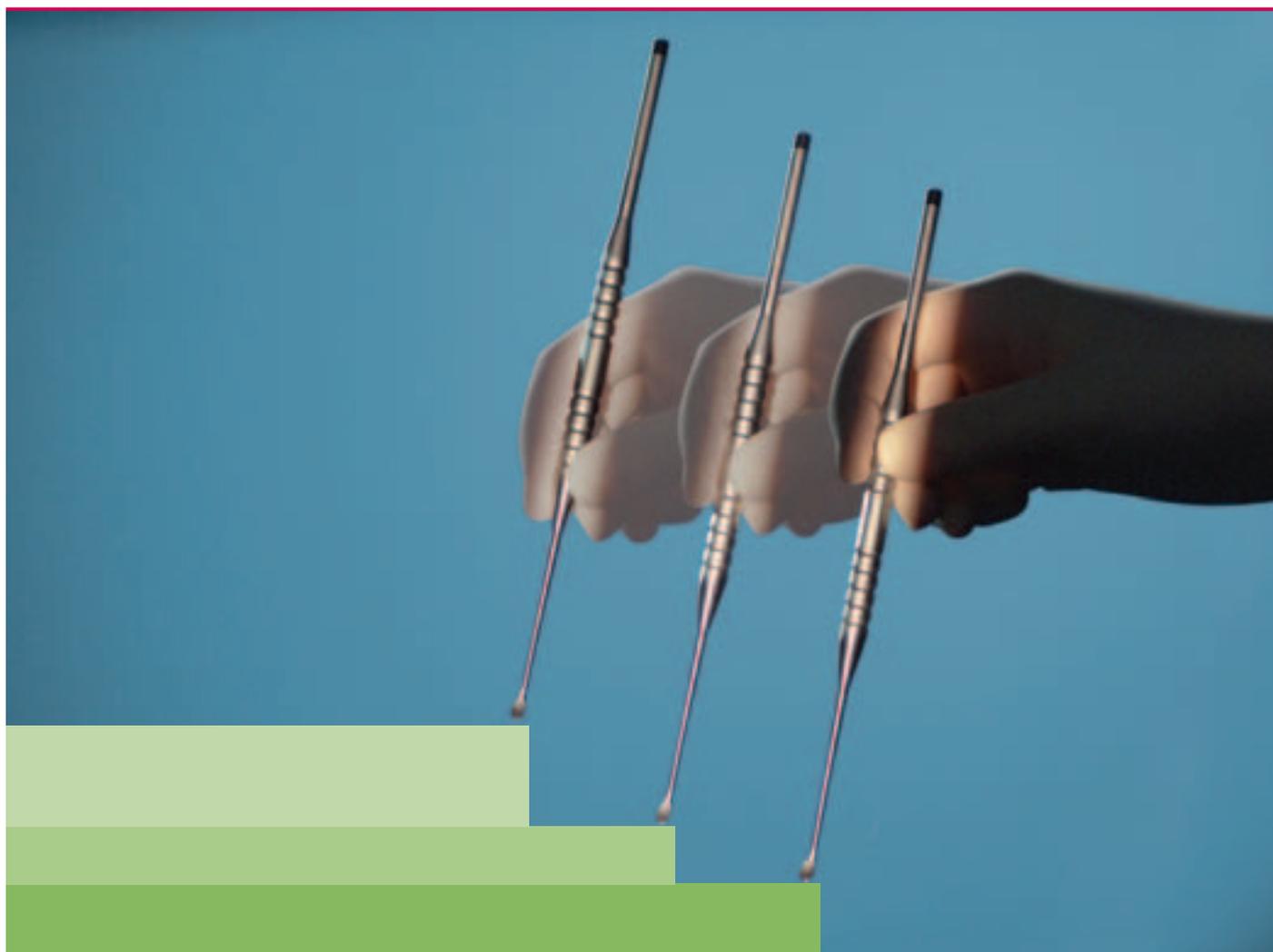


Aesculap Neurosurgery

Skull Base Instruments

Designed by AI Mefty



One size – variable depths

Al Mefty Skull Base Instruments



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With the advent of skull base surgery, micro-
neurosurgery transcended to the pinnacle of
fine dissection of anatomically crowded and
vital structures at the cranial base. New ex-
quisite approaches were developed and micro-

surgical dissections applied to the most intrica-
te relations of neurovascular and brain stem
structures. The experience in this area led to
the development of high performance instru-
ments that meet the needs based on concepts
and tested performance. The design of these
instruments incorporates ergonomic principles
that enhance precision and dexterity. The shaft
is optimized for precision grip and fine move-
ment including the appropriate diameter for
thumb index holding, ability to roll, and mol-
ding to provide friction that prevents slipping
or insecure grip.

Because of the deepening level of dissection
at the cranial base and to avoid repeated
change in instruments, these instruments are
designed to reach variable working depths by
sliding the point of the grip along the shaft of
the instrument while maintaining a balanced
center of gravity. Sturdiness of the end and tip
of the instrument better the dissection at the
skull base where the hard bone interfaces with
delicate structures. The tips are sharp on the
edge for precise dissection and has a blunt
outer contour for safe surrounding and proper
finish to avoid glare.

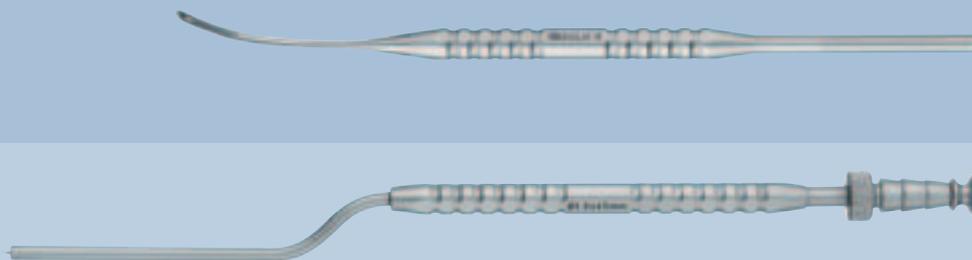


"sharp" instruments
(270°) with black cap



"semi-sharp" instruments
(180°) with grey cap

Original length - 20 cm



FD905R
Ligature needle, malleable

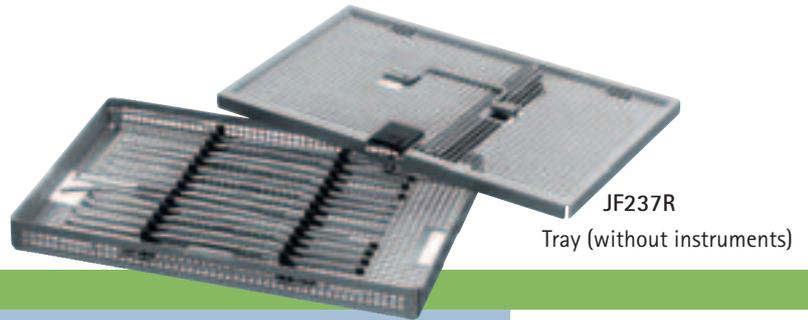
FD906
Suction cannula,
working length 65 mm,
dim. 3.5 mm



FD907R
Chisel, 5.0 mm



Enhance precision and dexterity



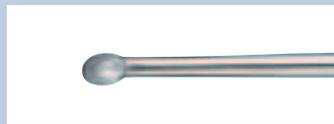
JF237R

Tray (without instruments)



FD901R

Sharp spoon, straight
2.8 mm



FD902R

Sharp spoon, angled
2.8 mm



FD903R

Sharp spoon, straight
4.4 mm



FD904R

Sharp spoon, angled
4.4 mm



FD908R

Dissector, semi-sharp,
angled, 2.0 mm



FD909R

Dissector, semi-sharp,
angled, 3.5 mm



FD910R

Dissector, semi-sharp,
straight, 4.0 mm



FD911R

Dissector, sharp,
angled, 2.0 mm



FD912R

Dissector, sharp,
angled, 3.5 mm



FD913R

Dissector, sharp,
angled, 4.0 mm

enlarged illustration

original size



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