Mizuho Radiolucent Head Frame
A Radiolucent Multi-Purpose Head Frame of Carbon Fiber

Allowing the surgeon intraoperative angiography and greater flexibility

The Mizuho Radiolucent Head Frame is constructed of laminated carbon fiber and special engineered plastic for better radiolucency. This facilitates intraoperative angiography and radiography.
High Rigidity

The rigidity of the head frame has been tested and proved to be equal to our metal frame.

Light Weight

Carbon fiber and the special engineered plastic are strong but light in weight and result in the new frame weighting half of the metal one.

Basic Construction Unchanged

The instrumentation as used on the metal frame can also be used with the new Carbon Fiber Head Frame. This means no need to change over from familiar instruments or operative techniques.
Multi-Purpose Head Frame

Basic Set

07-985-00 Radiolucent Multi-Purpose Head Frame/Head Holder Set
(Self-Retaining Retractor is not included.)

A. Basal Frame 07-985-03

B. Adjustable Hand Rest with Slider 07-981-09

C.1. Hand Rest with Instrument Holder 07-981-04

C.2. Hand Rest 07-981-03

D. Instrument Receptacle 07-981-06

E. Slide Adjustor 07-985-04
With the use of the crown base, each articulation can be fixed securely with minimal force. Great value to currently practiced operative technique, the head frame is designed to preserve the basic design by professor K. Sugita.

With regard for the safety, enlarged head holder gives more rigidity. The components, and articulations with the large crown base provide for secure fixing.

Attachment/Detachment and fastening can be accomplished by a single knob screw.

Light weight and highly anti-corrosive titanium alloy is used for some component while preserving the conventional design.

Special plastic material of high rigidity and excellent heat and water-resistance is used for the important patient-supporting components.

Table Attachment
Clinical Example of Right Internal Carotid Aneurysm

Preoperative Angiography

Inside the dotted lines show the shadow of carbon-fiber head frame.
Postoperative X-ray Photography
<table>
<thead>
<tr>
<th>Product Number</th>
<th>Description</th>
<th>Optional Accessories</th>
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<tbody>
<tr>
<td>07-985-00</td>
<td>Radiolucent Multi-Purpose Head Frame/Head Holder Set</td>
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<tr>
<td>07-985-01</td>
<td>Radiolucent Multi-Purpose Head Frame Set</td>
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<tr>
<td>07-985-03</td>
<td>A Basal Frame</td>
<td>07-173-00 ★ Self-Retaining Retractor</td>
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<tr>
<td>07-981-09 ★</td>
<td>B Adjustable Hand Rest with Slide</td>
<td>07-955-00 ★ Universal Attachment</td>
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<td>07-981-04 ★</td>
<td>C-1 Hand Rest with Instrument Holder</td>
<td>07-956-01 ★ Soft Brain Spatula for deep area, Large 6mm</td>
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<tr>
<td>07-981-03 ★</td>
<td>C-2 Hand Rest</td>
<td>07-956-02 ★ Soft Brain Spatula for deep area, Medium 4mm</td>
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<tr>
<td>07-981-06 ★</td>
<td>D Instrument Receptacle</td>
<td>07-956-03 ★ Soft Brain Spatula for deep area, Small 2mm</td>
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<td>07-985-04</td>
<td>E Slide Adjustor</td>
<td></td>
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<tr>
<td>07-985-05 ★</td>
<td>F Spring Hook (Bag of rubber bands included)</td>
<td><strong>Non-Radiolucent</strong></td>
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<tr>
<td>07-981-07 ★</td>
<td>G Cotton Plate</td>
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<td>07-985-02</td>
<td>Radiolucent Multi-Purpose Head Holder Set</td>
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<td>07-985-06</td>
<td>H Head Holder</td>
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<tr>
<td>07-952-01 ★</td>
<td>I Table Attachment</td>
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<tr>
<td>07-985-07</td>
<td>J Head Pin</td>
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