SRS Immobilization System

Submillimetric Immobilization

www.Qfix.com
Encompass SRS Immobilization System

Highly rigid, non-invasive immobilization device designed for precisely targeted treatment to the brain, head & neck.

Clinical Advantages:

- Immobilization for treatment of multiple lesions with a single isocenter
- High precision immobilization with submillimetric accuracy for stereotactic radiosurgery, including trigeminal neuralgia
- Integrated Shim™ System optimizes workflow efficiencies
- Open View™ Thermoplastic can reduce patient anxiety and allows for intra-fraction positioning verification utilizing optical tracking systems
- Submillimetric immobilization with or without optional IntegraBite™

SPECIFICATIONS FOR STANDALONE DEVICES

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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<tbody>
<tr>
<td>Length</td>
<td>1358 mm</td>
</tr>
<tr>
<td>Weight Limit</td>
<td>249 kg (550 lb) Uniformly Distributed Load</td>
</tr>
<tr>
<td>Weight</td>
<td>5.5 kg (12 lbs)</td>
</tr>
</tbody>
</table>

Note: kVue™ Insert Length 1311 mm
**Encompass SRS Standalone Device (For Elekta® HexaPOD™)**

- **RT-4600KV-01**
  kVue Encompass SRS Insert

- **RT-4600-01-MRI**
  Encompass SRS MR Standalone Device

- **RT-B889KYCF2**
  Encompass SRS Fibreplast® System with Optional IntegraBite

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**THERMOPLASTIC OPTIONS**

**OPTION 1**

- **Validated for HyperArc**

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**OPTION 2**

- **Safe to use with HyperArc**

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**SRS HEADREST**

- **RT-4600-10**
  E0 SRS Headrest
  (Included with All Encompass Devices)
  Validated for HyperArc

- **RT-4600-12**
  E2 SRS Headrest
  Safe to use with HyperArc

- **RT-4600-14**
  E4 SRS Headrest
  Safe to use with HyperArc

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**OPTION 2**

- **RT-B889KYCF2A**
  Encompass SRS Anterior Only Fibreplast Mask to be used with SRS Cushion Support
  (Includes MOLDCARE U Head Cushion, 20 cm x 35 cm)

- **RT-4600-20**
  SRS Cushion Support
Integrated Shim™ System

Innovative Integrated Shim allows independent height adjustment at each pin, providing completely customizable immobilization. Each Integrated Shim can be adjusted in discrete 0.5 mm increments, with a total range of 4 mm.

- Adjusting shim height is as easy as simply rotating the pin
- Eliminates the need for mask removal to adjust shim height
- Better workflow and instant setup feedback

Encompass SRS Fibreplast Masks

Made from the most rigid thermoplastic material available, providing anterior and posterior cranial support.

- Fibreplast is 50% more rigid than standard thermoplastics
- Variable Perf™ Pattern maximizes rigidity while minimizing the bolus effect

IntegraBite™

- Decreased head and neck rotation, flexion, and extension
- Repeatable positioning
- Simple, streamlined design makes application and insertion easy
SRS Adapter
for Portrait™ & S-Type Devices

Flexibility to Perform SRS Treatments with Portrait & S-Type Devices

Non-invasive solution that enables submillimetric positioning for stereotactic radiosurgery treatments on the Portrait Intracranial Head & Neck Devices and other S-type devices. The system reduces motion, allowing for maximum dose to the tumor while minimizing radiation delivered to the surrounding healthy tissue.

Clinical Advantages:

• Enables treatment of SRS and multiple lesions with a single isocenter when combined with Encompass SRS Fibreplast Masks
• Accommodates a variety of SRS headrests and cushion supports for a fully customizable setup
• Easy to set up and can help to minimize procedure time and cost.

THERMOPLASTIC OPTIONS FOR SRS ADAPTER

OPTION 1

RT-B889KYCF2
Encompass SRS Fibreplast System with Optional IntegraBite

SRS HEADRESTS

E0, E2, E4 SRS Headrests (included with SRS Adapter)

OPTION 2

RT-B889KYCF2A
Anterior Only Fibreplast Mask to be used with SRS Cushion Support (Includes MOLDCARE U Head Cushion, 20 cm x 35 cm.)

RT-4600-20
SRS Cushion Support

*RT-4600-03
SRS Adapter (includes headrests)
*Not validated for HyperArc

*RT-4600-03-MRI
MR SRS Adapter (includes headrests)
*Not validated for HyperArc

RT-4552
Portrait Intracranial, Head & Neck Device easily converts to perform SRS treatments with the SRS Adapter.

visionrt Compatible
**SRS Headrests**

Available in different heights for positioning patients in a comfortable, neutral head and neck position. They support the patient’s head while forming the Encompass SRS Fibreplast Mask for simulation.

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![Image of E4 SRS Headrest being used with Encompass SRS Fibreplast Mask]

**THERMOPLASTIC OPTIONS FOR SRS HEADRESTS**

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<thead>
<tr>
<th>THERMOPLASTIC</th>
<th>SRS HEADREST OPTIONS</th>
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<td>RT-B889KYCF2</td>
<td>Encompass SRS Fibreplast System with Optional IntegraBite</td>
</tr>
<tr>
<td>RT-4600-10</td>
<td>E0 SRS Headrest (Included with SRS Adapter)</td>
</tr>
<tr>
<td>RT-4600-12</td>
<td>E2 SRS Headrest (Included with SRS Adapter)</td>
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<tr>
<td>RT-4600-14</td>
<td>E4 SRS Headrest (Included with SRS Adapter)</td>
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</table>
**SRS Cushion Support**

Compatible with MOLDCARE® and an anterior Encompass SRS Fibreplast Mask.

![SRS Cushion Support being used with MOLDCARE and anterior Encompass SRS Fibreplast Mask.](image)

Note: The SRS Cushion Support is shown here in grey so you can see how it fits into the SRS Adapter. The actual product is black.

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### THERMOPLASTIC OPTIONS FOR SRS CUSHION SUPPORT

<table>
<thead>
<tr>
<th>THERMOPLASTIC</th>
<th>SRS CUSHION SUPPORT OPTION</th>
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| ![Thermoform](image) | RT-B889KYCF2A  
*Encompass SRS Anterior Only Fibreplast Mask to be used with SRS Cushion Support (Includes MOLDCARE U Head Cushion, 20 cm x 35 cm)* |
| ![Thermoform](image) | RT-4600-20  
*SRS Cushion Support (Not Included with Encompass or SRS Adapter)* |
Submillimetric Immobilization

We have been using the Varian Hyperarc treatment technique in multiple brain metastasis radiosurgery applications for about 3 years. While applying this technique, we fix the patients with the Encompass system. Encompass is a non-invasive positioning and fixation system that is very easy to apply and increases accuracy of stereotactic treatments with submillimeter accuracy. With the open-faced thermoplastic system, the patients’ fear of being closed in is eliminated, and submillimetric movement within the fraction is followed in 6D using Vision RT™ surface tracking system.

– Nadir Küçük
Medical Physicist
Anadolu Medical Center

We’ve been using Encompass masks for around 2 years as part of our HyperArc stereotactic service and are very happy with both the quality of the mask and the service we have received. The open faced nature of the mask provides a better experience for our patients while the added rigidity compared to our regular product means we can use them with confidence when delivering high accuracy stereotactic treatments.

– Robert Brass
Principal Clinical Scientist
The Clatterbridge Cancer Centre