RAYCAST® INNOVATIVE HIGH PRECISION SYSTEM – The Basics

The dimensions of the L-profile and of the slots in the base plate assure a millimeter precise repositioning of the mask.

HIGH PRECISION HARDWARE

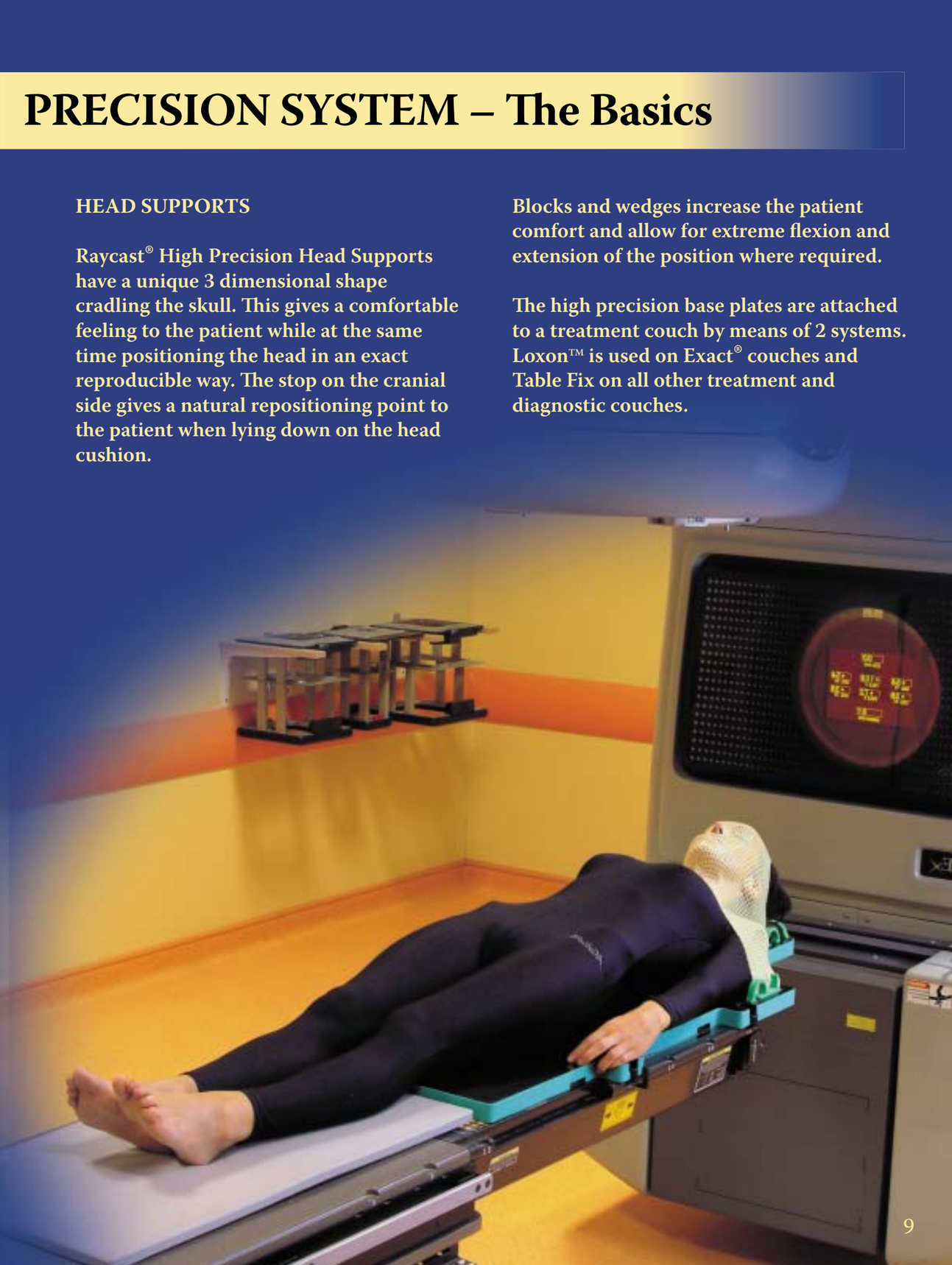
Raycast® High Precision Hardware is designed to set new standards in precision, durabililty and lightness in density and weight.
Orfit Industries has a knowledge in material science that is transferred to its products to result in high precision machined hardware that withstands multiple set-ups per day, that has a high mechanical stiffness and the lowest density in the industry.

Our low density hardware is made for use on treatment machines. The carbon fibre sandwich construction base plates have an attenuation factor that is non-significant in dose calculation.

Our high density hardware is designed for use on simulators and diagnostic imaging machines. It has exactly the same design as our low density hardware, assuring perfect patient positioning reproducibility from one machine to another.

HEAD SUPPORTS

Raycast® High Precision Head Supports have a unique 3 dimensional shape cradling the skull. This gives a comfortable feeling to the patient while at the same time positioning the head in an exact reproducible way. The stop on the cranial side gives a natural repositioning point to the patient when lying down on the head cushion.

Blocks and wedges increase the patient comfort and allow for extreme flexion and extension of the position where required.

The high precision base plates are attached to a treatment couch by means of 2 systems. Loxon™ is used on Exact® couches and Table Fix on all other treatment and diagnostic couches.