

THE AIO SOLUTION®

The reproducibility and stability of patient positioning is extremely important for a precise radiation therapy treatment. The position of the tumor in space is a dynamic element that is difficult to keep under control during the actual treatment delivery. Therefore, potential changes in the position of the patient should be limited to a minimum. THE AIO SOLUTION® makes this possible by immobilizing patients in a precise, reproducible and yet comfortable way. THE AIO SOLUTION® facilitates and refines treatments. With one base plate and different sets of cushions and thermoplastic masks, all parts of the body are positioned and immobilized in a comfortable, exact and reproducible way.

These refined immobilization techniques allow IMRT and IGRT procedures in almost any anatomical location, including breast and lung.

Meeting the highest demands in radiation oncology...

- Exact reproducibility of the patient's position in imaging and therapy
- Highest degree of patient comfort for IMRT and IGRT procedures.
- Precise immobilization of all body regions.
- Increased certainty of location of external and internal anatomical structures.
- Reduced inter- and intra-fraction variations.
- Reduced daily positioning uncertainties.
- Reduced patient set-up time.
- Increased ease of use.

... THE AIO SOLUTION® fulfills all these requirements



AIO Head & Neck Applications

THE AIO SOLUTION® contains a cushion set for each anatomical region

- Head, Head & neck
- Thorax and abdomen in supine position
- Prone breast position
- Belly and pelvis in supine and in prone position

All cushions are easily positioned on the base plate in an indexed way.

The cushions have a color code for easy recognition and fast setup of the system: Head supports and knee & leg cushions are in grey, Thorax/abdomen cushions for supine are in blue, breast in prone position cushions are in yellow and belly/pelvic cushions are in green color.

The cushions are made of a low density foam with excellent dosimetric properties. They are coated to assure patient comfort and hygiene.

The extra-cranial cushions can be adapted in width to accommodate all patient sizes. The prone breast cushions can be adapted in height.

Each patient position is reproduced and immobilized by means of an Efficast® thermoplastic mask that limits movement of the anatomical area of concern.

THE AIO SOLUTION® is truly an ALL-in-One system with a head & neck immobilization system, lung board, breast board, abdominal system and belly & pelvic board in one single product.

AIO Breast- & Lungboard

AIO Prone Breastboard

AIO Bellyboard & Pelvic

