

## Press Information

### **Patient immobilization in radiotherapy: one system, precision for every patient.**

Antwerp, April 26, 2019

Orfit Industries presents its third generation of The AIO Solution® for immobilization of cancer patients receiving radiation therapy. Since its launch in 2005, The AIO Solution® facilitates and refines cancer treatment by limiting potential changes in the patient's position to a minimum. With one base plate, four cushion sets and a variety of thermoplastic masks, all parts of the human body are positioned and immobilized in a comfortable, precise and reproducible way, and with increased ergonomics for the therapist.

Up to 700 systems have been brought to the market since more than a decade. *"This positive response made us look for further improvement"*, says Steven Cuypers, Orfit CEO. *"With this third AIO generation, nearly all parts of the patient's body can be positioned for an even more user-friendly, patient-friendly and efficient radiotherapy treatment"*.

The AIO Solution® avoids daily positioning uncertainties and limits patient set-up time. It is easy to use and allows all state-of-the-art radiotherapy procedures in practically any anatomical location. The soft cushions ensure a comfortable position for the patient. The reduced height of the full AIO set-up fits in small bores and reduces the risk of collision with the gantry. Cushions can now be used directly onto the couch top with the help of a 2-pin indexing bar.

The blue cushion set of The AIO Solution® is primarily intended for the treatment of malignancies in the thorax and breast and can be used with or without the base plate. The base plate is used for head and neck treatment. The grey cushion set comfortably positions knee and legs.

The redesign of the belly and pelvic cushions (*green cushion set*) and of the prone breast solution (*yellow cushion set*) are work in progress.

In all, the system will feature four interchangeable, colour-coded cushion sets, providing precise immobilization that is both reproducible and comfortable. A new production technique considerably improves the durability of the cushions. Hand grips and head supports are helpful in finding the correct patient position and will further improve treatment. With this third AIO generation, Orfit product designers managed to reduce the number of cushions, increase their durability and eliminate potentially cumbersome pressure points.

This third generation AIO Solution is lightweight and therefore easy to handle. Finally, the fact that cushions and base plate can easily and thoroughly be cleaned is an important benefit in an environment where absolute hygiene is imperative.

### Daily patient setup made easy

Position of the cushions is easily reproduced during each fraction. Comprehensive color coding facilitates the use of the cushion combinations.

### Make patient comfort a priority

Minimal pressure points and soft, ergonomically designed cushions.

### Made to last

A busy radiation therapy department requires high durability devices to withstand rough handling conditions.



### Maximize clearance, minimize collision

The full AIO setup fits in small CT-bores and reduces the risk of collision with the gantry.

### Immobilize without a base plate

Cushions can be positioned directly on the treatment table without the use of a base plate.



Orfit will showcase the AIO breast- and lung board set at the European Society for Radiotherapy & Oncology ESTRO 38 meeting in Milan, next April 26-29.

You are welcome to visit Orfit at ESTRO booth 5300.

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### About Orfit Industries

Orfit, a Belgium-based company, brings high precision and comfort to the positioning and immobilization of cancer patients in radiation oncology. The combination of Orfit thermoplastic masks and positioning devices provides optimal stability to a point where daily reproducibility and patient movement are limited to less than 1.5 millimetre. Orfit Solutions assure patient comfort that reduces anxieties and displacement of the anatomical area of treatment.

Orfit products are used in 105 countries worldwide. Orfit invests 15% of its annual revenue into R&D. The company employs 100 team members, based in Belgium, the USA, Germany, France, the Netherlands and Hong Kong.

Additional information on [www.orfit.com](http://www.orfit.com).

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