



SECTRA VISUALIZATION TABLE

Leading-edge technology in sports medicine



Visualization of injuries

Sectra Visualization Table™ the perfect tool to plan and communicate your treatment strategy. Three-dimensional views of tendons, muscles, ligaments and nerves help medical staff to make a quick assessment of player injuries. They also help to efficiently monitor the healing process to ensure that the player returns to the field at the right time, when fit. With the Sectra Visualization Table, such fully interactive, natural-size 3D views are rendered from MR or CT scans.

New ways of medical collaboration

The 46" multi-touch screen allows for interaction with the 3D images simply by touching the screen in a very intuitive way. Users can gather around the table and command is swiftly handed over between participants. This way, group discussions between medical teams is supported, opening up for new methods of collaboration between physicians and physiotherapists providing treatment.

Efficient communication tool

Radiology images, MR images in particular, may be difficult to interpret for non-radiological staff. Viewing the images in 3D makes it easier for the player or coach, or even the physiotherapist, to understand the injury, thereby supporting compliance with and understanding of treatment plans. The additional benefit of being able to interact with the 3D images substantially enhances the communication of injuries between, for example, medical staff, physiotherapists, players, and coaches/managers.

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KEY FEATURES

The Sectra Visualization Table is the result of successfully combining applied research within medical technology and advanced computer science with industry knowledge. It has been developed in collaboration with the Center for Medical Image Science and Visualization (CMIV), Visualization Center C, The Interactive Institute and Linköping University, Sweden. It allows you to:

- **Interact with the 3D-volume with a swipe of a finger. For example rotate in all axes, pan, zoom and apply clip planes.**
- **Apply organ presets and adjusting window/levels to study organs and functions in greater detail.**
- **Visualize, for example, fractures, OCD injuries, ligament and tendon injuries, and muscle injuries in 3D to provide quick assessment.**
- **Work with a touch interface based on established techniques, which strengthens the intuitiveness and ease in learning the application.**

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