3B Scientific

SECTRA TABLE

**Interactive Medical Education and Clinical Training –
Anatomy Visualization Table with Real Patient Cases**

Education and training areas:

Radiology • Histology • Orthopedics • Anatomy • Sports Medicine • Diagnostic Imaging •
Forensic Medicine • Surgery • Pre-operative Planning • Veterinary Medicine

(+) **Sectra Education Portal** worldwide networking and access to new data

(+) **3DOrtho Table Module** to prepare for othopaedic surgeries

SECTRA TABLE OVERVIEW

Virtual hands-on practice and pre-operative planning – with an ever growing library of real patient cases through the Education Portal

Sectra Table is the optimal addition when a cadaver-based dissection course is not available, or when there are not enough cadavers for all students. This way, teaching institutions can increase the exposure to anatomy problem-based learning and hands-on practice for all students and allow them to perform the virtual dissection repeatedly, without depleting existing resources.

Sectra Table comes with an anatomy atlas and an ever growing library of real patient cases – and you can easily add your own cases and images (DICOM) as well. The membership also includes a workspace for advanced pre-operative planning and organization of cases as well as access to new data through the Education Portal.

Real CR, MR patient data and virtual bodies – to develop critical thinking in clinical training Sectra Table has a 55" touchscreen image display system that enables interaction with 3D data from real patients rendered from CT or MR. Detailed studies of virtual bodies provide medical students with a better understanding of anatomy functions and variations between individuals.

- **Real patient cases for clinical training**
- **Worldwide network with an ever growing database of new cases**
- **Includes the Visible Body® anatomy atlas**
- **Easily add your own new cases for teaching purposes**

Sectra Table is powered by a Sectra PACS workstation. Users can import and open all DICOM format data, thereby expanding their teaching curriculum with their cases, pathologies and anatomical variations.

55" touchscreen for fast interaction with 3D data

Item No. 1019814

Please contact the 3B Scientific Customer Service Team for more information and to schedule a personal product demonstration!
Phone: +49 (0)40 73966-0
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Interact with over 2,000 anatomical structures in 3D
The Visible Body® human anatomy atlas

When interpreting clinical images, students will benefit from having a standard anatomical reference. Sectra Table includes a complete human anatomy atlas. Students can visualize and interact with over 2,000 anatomical structures in 3D and cross-sectional views as well as hundreds of quizzes.

Enhancing medical education and clinical training – across all departments

Sectra Table can be used to enhance the following medical education and clinical training areas:

Radiology • Histology • Orthopedics • Anatomy • Sports Medicine • Diagnostic Imaging • Forensic Medicine • Surgery Pre-operative Planning • Veterinary Medicine

Pre-operative planning of surgery

Sectra Table provides surgeons with a pre-operative planning tool for complex and trauma cases. By using real-size, interactive 3D views, it enables the team to correctly diagnose and plan the surgery, save valuable time during operation and improve the quality of diagnosis and the treatment plan.

SECTRA EDUCATION PORTAL

Store and share real patient cases worldwide –visualization and collaboration made easy

Sectra Education Portal allows you to store and share real patient cases for ed ucational purposes with your students and medical staff. It also provides the possibility to share data with other hospitals and universities around the globe. In this way, different departments and institutions can collaborate quickly and securely and thus improve the quality of education. All patient data uploaded will be always anonymized and protected.

Import any anatomical and histological DICOM image from any device

Over 20 years of experience and more than 1,700 successful installations developed the technology at hand.
Sectra Table is built on Sectra PACS, a secure image management system well established in the radiology market.

REAL PATIENT DATA:
Share your cases with other users and benefit from their uploaded material

ANONYMOUS:
Patient data is always anonymized by Sectra before being added to the database

PREPARE CLASSES:
Prepare and organize cases as teaching material for your courses with the Sectra Prepstation

INTERNATIONAL COLLABORATION:
Is fast and secure with your colleagues around the world

ACCESS ANYWHERE:
View Education Portal cases on different devices with Sectra LiteView

PRIVATE SPACE | PUBLIC SPACE

Study from any device

Reference Cases

- **Access cases and quizzes from any laptop, tablet or smart phone**

- **Access a library of quality assured Sectra reference cases**

Prepare from any location

International Collaboration

- **Prepare your cases from any connected computer**

- **Share your selected cases with other Sectra users around the world.**
- **Access new cases shared by other parties in the network**

Education Portal Membership

- Cloud service allowing users to share cases across departments and locations
- Growing database of shared real-life anatomical cases, which currently contains over 160 cases from across the globe
- Private data storage in the cloud for users' own private cases and data
- Software updates are automatically installed in the Education Portal

The Education Portal Membership includes:

- **Sectra Prepstation Workspace**
  One license - Teacher Account / mobile access to Education Portal for case preparation and case editing
- **Sectra LiteView**
  Five licenses - Student Accounts / mobile access to scaled down Sectra Education Portal data on mobile devices as well as on common web viewers

Sectra Table comes with one year Education Portal Membership for free!

Multiple year discounts are available for the Education Portal.

Optionally available tool:

3DOrtho Table Module

Orthopedic Surgery Planning

The planning system offers a set of tools aimed at clinical training and pre-operative planning of trauma cases. The 3DOrtho Table Module is preinstalled on the Sectra Table, but has to be purchased additionally (perpetual license).

Features of 3DOrtho Table Module:

- **Hide** – Hide anatomical structures irrelevant to the damaged area which may obscure the trauma site.
- **Reposition** – Align fragments automatically by placing landmarks
- **Explode** – Separate fragments in order to study them separately
- **Template** – Import 3D templates from CAD drawings
- **Distances** – Measure distances in 3D space

Watch how it works

SECTRA TABLE

Prepare cases

- **Import relevant data**
- **Organize cases per class**
- **Bookmark and annotate**
- **Prepare quizzes**

Teach & Study

- **Simulation centers**
- **Anatomy labs**
- **Lecture halls**
- **Problem-based learning**
- **Distance learning & self-study**

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REFERENCE CUSTOMERS

Sectra Table is used in universities and hospitals in more than 25 countries in Europe, North America, Middle East and Southeast Asia – to name just a few:

Philipps-University Marburg, **Germany**

Zürich University, **Switzerland**

Edinburgh University, **United Kingdom**

Linköping University, CMIV, **Sweden**

Université Claude Bernard Lyon, **France**

Paracelsus Medical University, **Austria**

St Petersburg Oncology Hospital, **Russia**

University of Virginia, **United States**

Universidad del Valle de México Saltillo, **Mexico**

Peking University People's Hospital, **China**

Baghdad Medical College, **Iraq**

Philipps-Universität Marburg – first in Germany to introduce innovative table

Virtual dissections improve medical education

"When I first saw the table, I immediately realized that we could use it to improve our anatomical training," says Professor Weihe, Director of the Institute of Anatomy and Cell Biology of the Faculty of Medicine. "I was sure that introducing virtual dissection would give our students important theoretical and practical insight, making them much better prepared for their first real body autopsy."

Humans are as different on the inside as on the outside, and the ability to demonstrate normal and abnormal anatomical variations by studying multiple cases is of great importance when developing an institution's curriculum for anatomy and pathology education. Since October 2012, the students have used Sectra Table in parallel with lectures, seminars and preparation courses. Ways to use it to improve examinations are also explored.

"The Table will be developed further to become an increasingly integral part of the anatomy training of all students of medicine, dental medicine and human biology in the Institute of Anatomy and Cell Biology of the Faculty of Medicine" says Professor Kinscherf, Vice Director of the Anatomical Institute.

Professor Kinscherf and Professor Weihe

Increased efficiency and safety in healthcare

"The Table gives the students a comprehensive 3D view of the body and allows them to detect and understand lesions in an unprecedented way, visually," explains Professor Kinscherf. The opportunity to interact with virtual bodies provides better understanding of the body's anatomy and functions, which in turn will contribute to better educated medical personnel and thus higher efficiency and safety in healthcare in the long-term.

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To read complete testimonials and case studies, please visit 3bscientific.com

SECTRA TABLE INTERACTIVE

The entire system is based on a sturdy frame that can be easily moved around. The touchscreen can be electronically angled anywhere between horizontal and vertical positioning to face your audience.

VIRTUAL DISSECTION

with real-life patient cases: visualize skeletal tissue, muscles, organs and soft tissue by virtually slicing, segmenting or peeling off layers of tissue

EDUCATIONAL PORTAL

connect to share and benefit from new patient cases with other institutions around the world

REAL PATIENT DATA

in addition to the regular human anatomy atlas, Sectra Table offers interactive, natural size 3D views of real patient data rendered from CT or MR

LOW MAINTENANCE

all future updates will be installed and managed by Sectra for you

EASY TO MOVE

and transport between lecture halls

SENSITIVE TOUCHSCREEN

that only reacts to your fingertips – ties and sleeves no longer interfere with your navigation

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ATTRACTIVE LEASING OPTIONS

Benefit from attractive leasing options offered by our partner Grenke AG.

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SECTRA
Knowledge and passion

3B Scientific is the official distributor of Sectra Table in Germany.

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