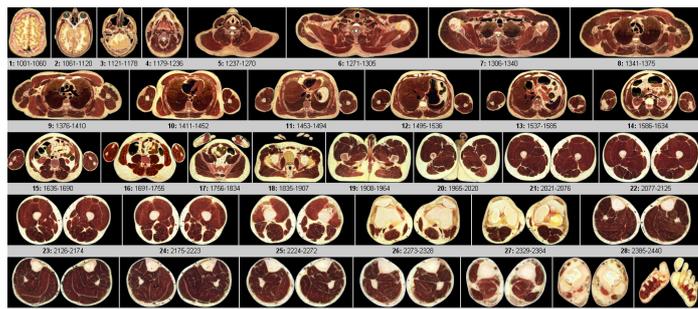




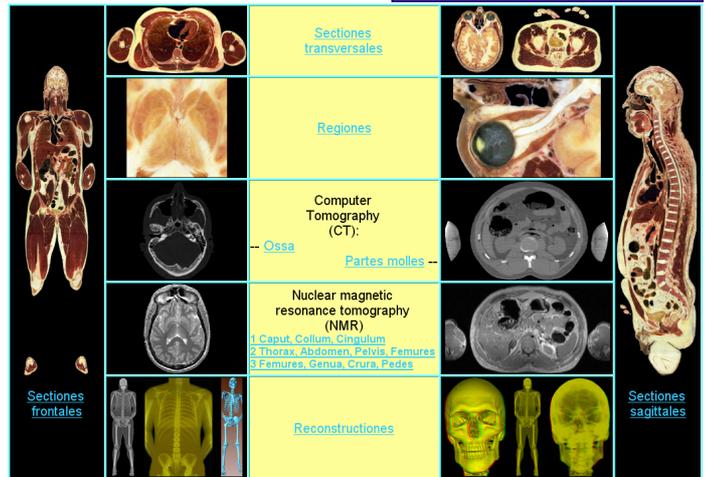
Dr. Jastrow's
Homo sapiens dissecatus
 professional version

Demoversion
in the Internet:
www.drjastrow.de

A complete atlas showing digitized sections of a male human body based on the very high resolution scanned sections of the visible human male* next to corresponding computer tomographies (CT) and nuclear magnetic resonance tomographies (NMR). In addition, animations, radiographs and a vocabulary of technical terms are included. The original transverse sections are presented next to their radiological correlates. Over 290 sections are labelled in great detail.



From the index page a survey page of the motion pictures, the page with the radiographs as well as 35 survey pages with links to the demonstrated miniaturized sections can be called up. Besides the sections the atlas includes all available radiological images like computer tomography (CT) of bones and soft-tissue, nuclear magnetic resonance tomography (NMR) in proton density, T1 and T2 mode, everything in the original resolution. Individual pages of the sections are linked to preceding page and the following one, the page with the labelled section (if available), the survey page of the animations, the overview page of the region, the index page and a vocabulary. From the survey page of animations motion pictures through series of sections of CT/MR-images of movies of three-dimensional (3D) reconstructions can be loaded. They facilitate the acquisition of a 3D picture of anatomical structures and their radiological correlates. More than 290 sections were chosen according to clinical relevance and labelled in greatest detail. The majority of terms applied corresponds to the current "Terminologia anatomica" and can be looked up in the vocabulary explaining over 800 terms in English and German.



Technical details:

- complete male of the visible human project*
 - about 4 GB of data on a DVD
 - to be used with common Internet browsers
 - 1,878 digitized transverse original sections
 - pixel size: 0.14 x 0.14 mm, distance: 1 mm
 - sagittal & frontal sections in the animations
 - 1,878 bone CTs, 522 soft-tissue CTs
 - pixel size: ~ 1 x 1 mm, distance: 1 mm
 - 1,030 NMR scans (pd, T1, T2)
 - pixel size: ~ 2 x 2 mm, distance: 5 mm
 - 327 different animations
 - 193 through sections or details in 3 planes
 - 16 through bone CTs, 15 through soft-tissue CTs
 - 60 through pd, T1 and T2 NMR
 - 43 of 3D-reconstructions
 - 297 original sections labelled in greatest detail
 - following the official "Terminologia anatomica"
 - vocabulary of macroscopic anatomy
 - over 800 terms explained in English and German
 - 33 digital X-ray images
- plus 64 sections of the female pelvis + CTs**

* of the National Library of Medicine, U.S.A.

In case of interest please contact:

Dr. H. Jastrow medizinisches Lehrmaterial
 Privatdozent Dr. med. habil. Holger Jastrow, Specialist in Anatomy,
 Kotthausgang 22, 45239 Essen, Germany, Phone: ++49 201 4749893
 E-Mail: info@drjastrow.de, Internet: <http://www.drjastrow.de>

Publications about previous versions:

- Dt. Ärzteblatt 95, Heft 36B:1726-1727 [1998]
- Clinical Anatomy 15(6):402-408 [2002]

Visible Human male: Sectio transversalis 1107

