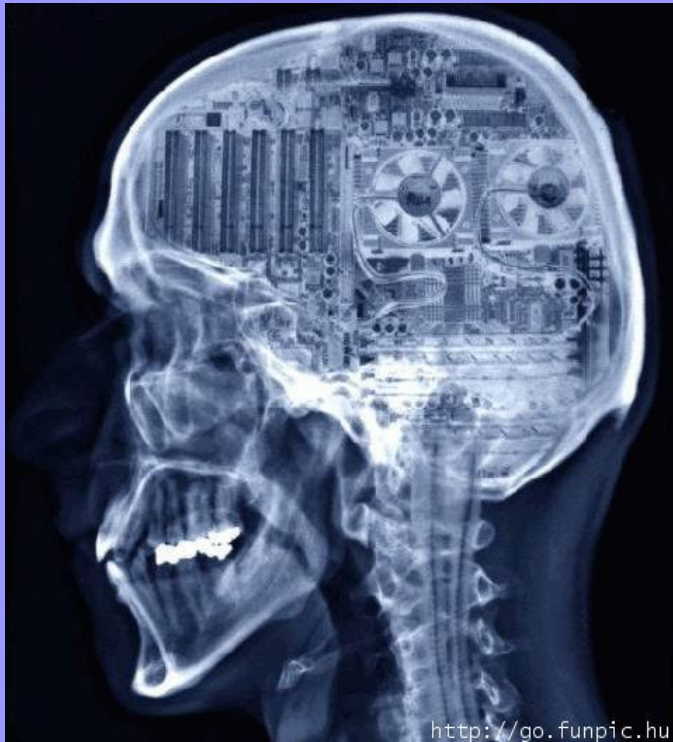


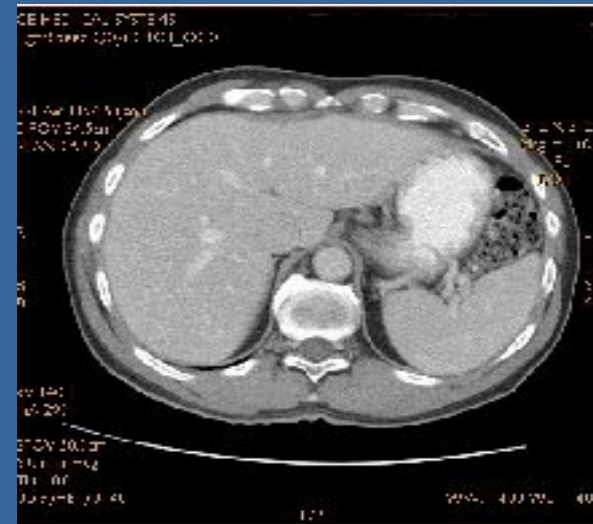
X-ray computed tomography



B.Pavlenko
Group 1D51

What is CT scan?

- X-ray computer tomography is able to create images of transverse sections through the patient's body



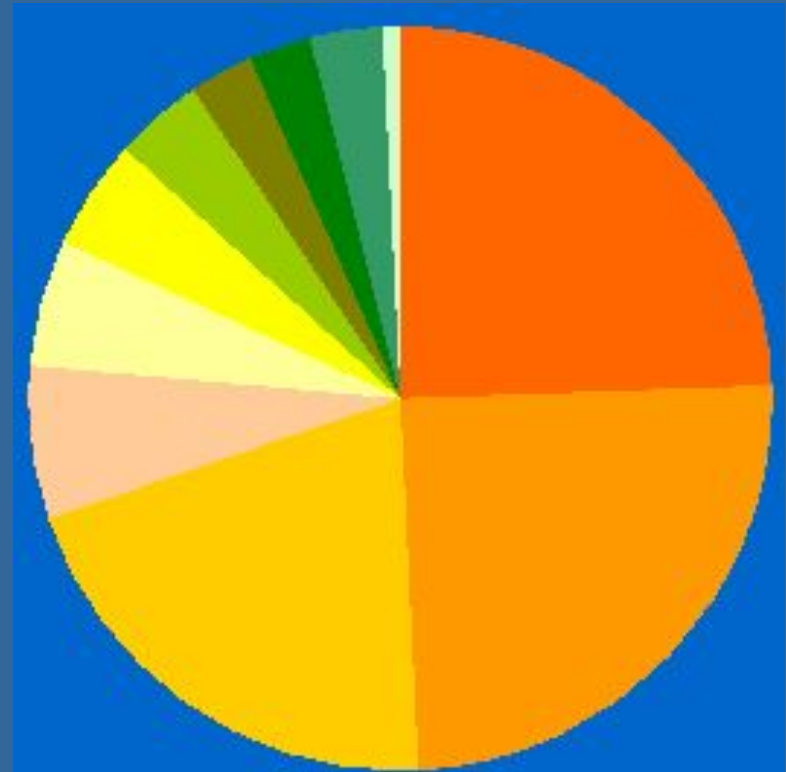
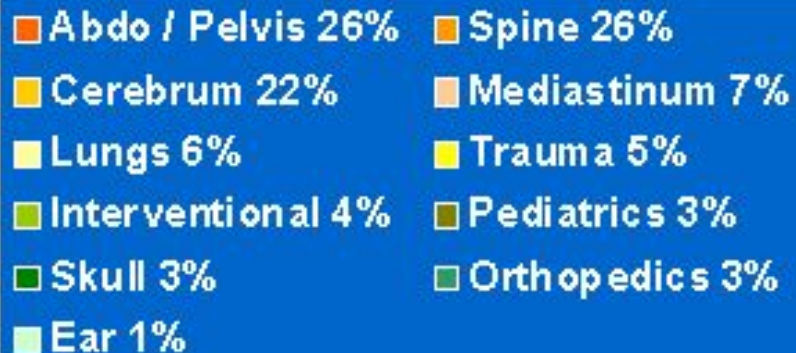
What is CT scan?

- This gantry in the form of a wheel and a table moving the patient

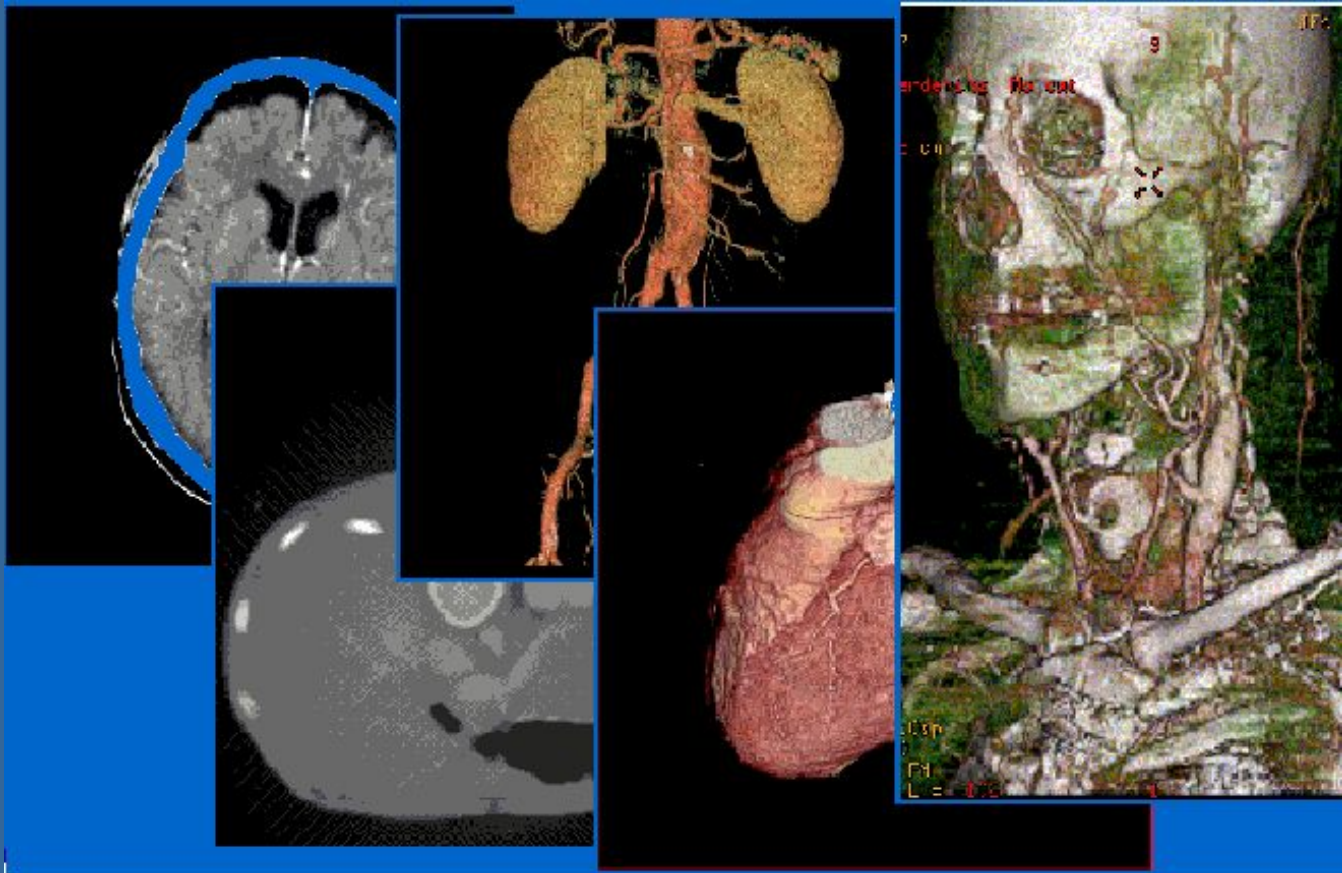


Clinical applications of CT

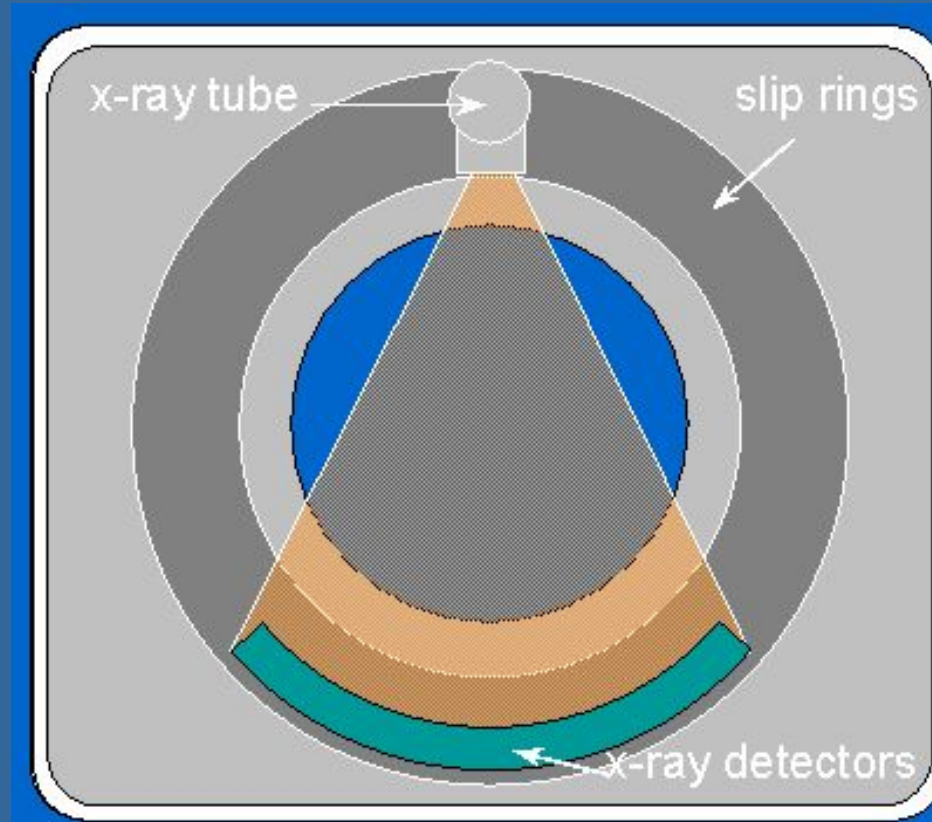
- Thanks to a good image of soft tissues and bones
 - Diagnostic images
 - Radiation therapy planning
- 3D applications



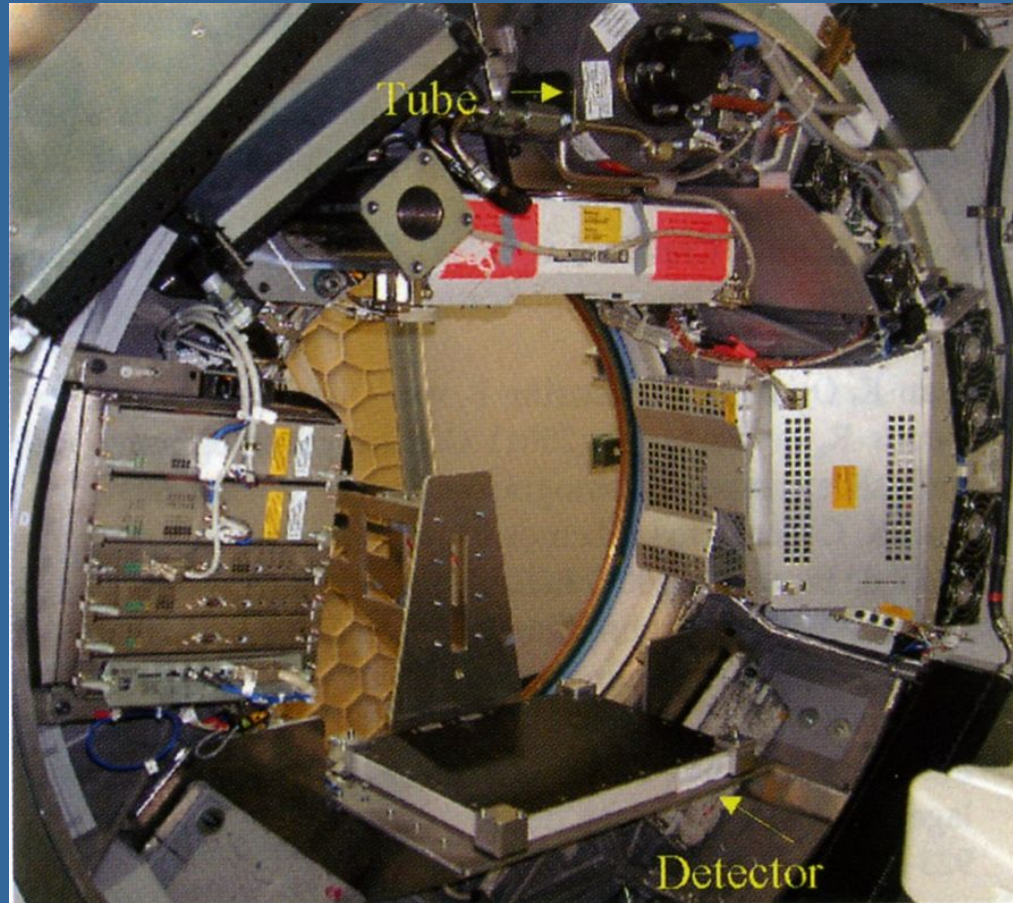
Clinical use of CT



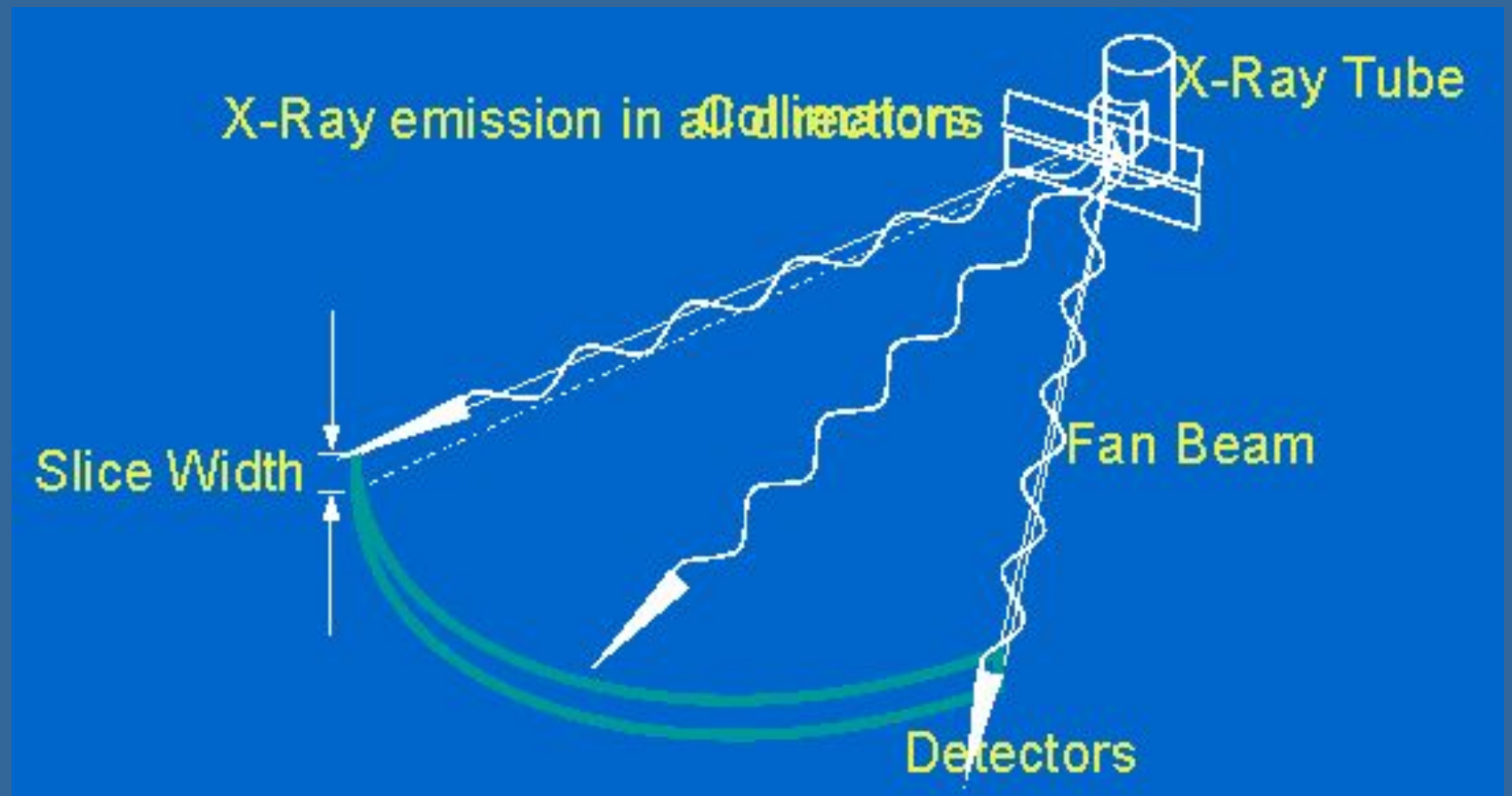
Construction of a computer tomograph



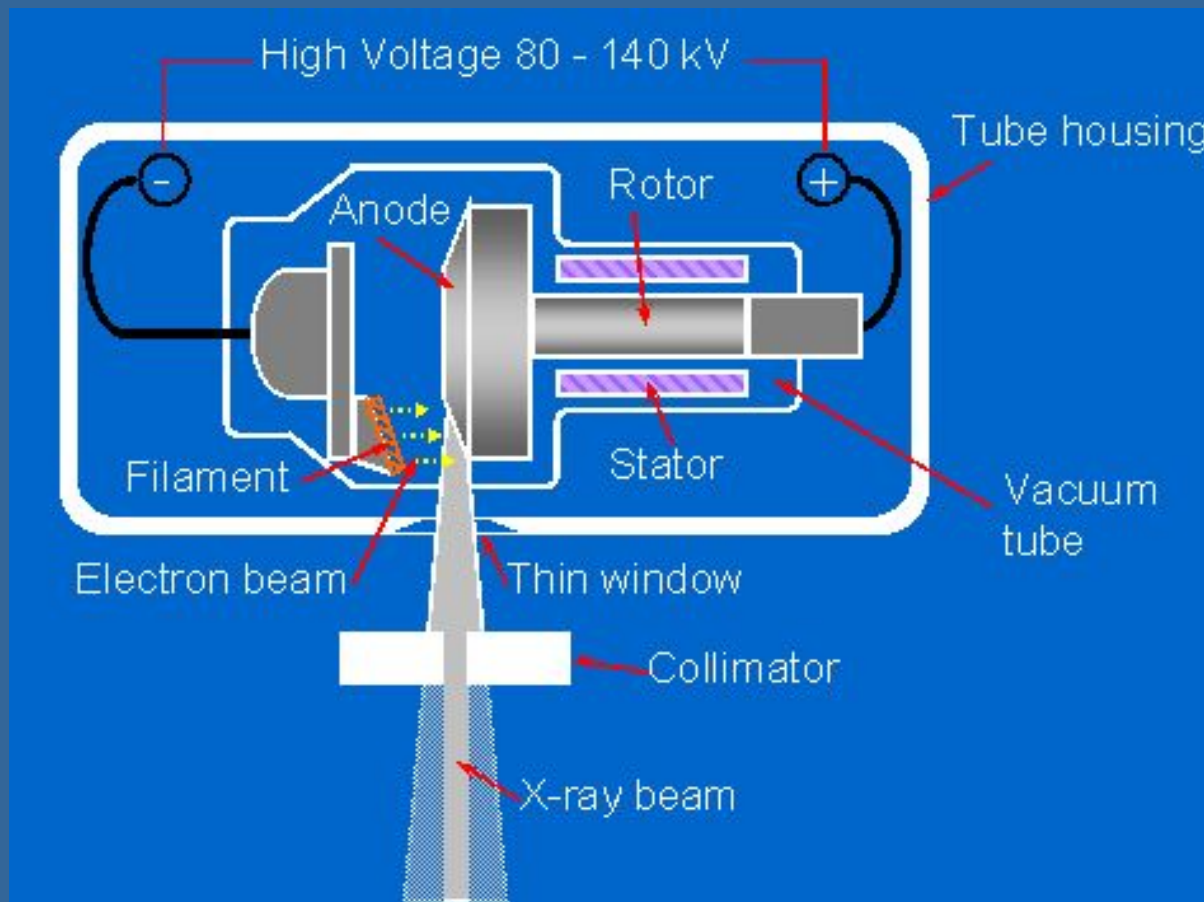
On practice



Data collection



X-ray tube



THANK YOU FOR ATTENTION

