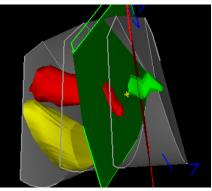


FROM VISION TO DECISION

MedViz Imaging and Visualization Metwork Network









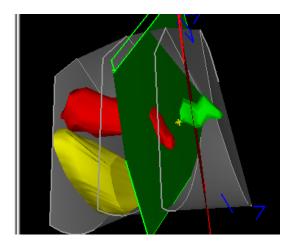
IllustraVis 2009 If you want to use content from these slides, you have to ask the respective author for permission!



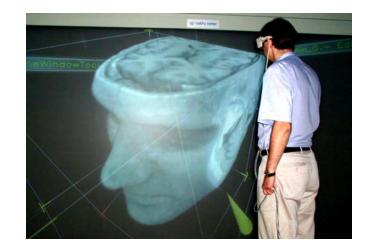


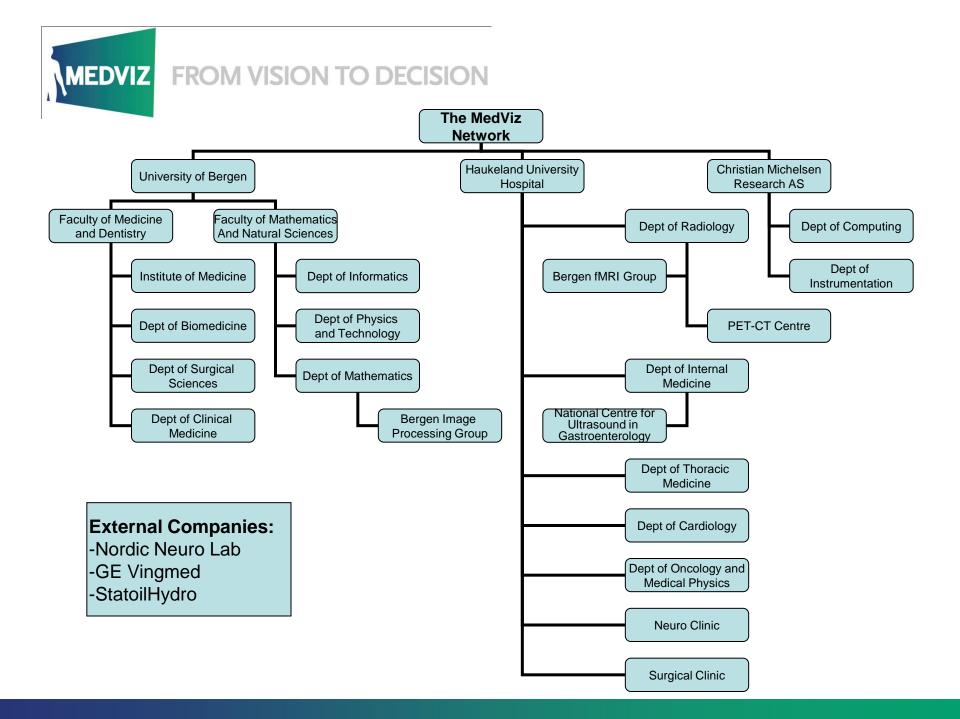
Z FROM VISION TO DECISION

What is MedViz?



- A cluster of research groups in Bergen
- A consortium between 3 institutions
 - A consortium agreement
- A network of persons dedicated to R&D in the field of advanced imaging and visualisation







Our Mission

To promote the development of biomedical and clinical imaging technologies with the goal of improving diagnosis and treatment of patients



The patient-doctor interface is in the centre of MedViz' challenge



Ultrasonography -Characteristics

- A clinical method
- Cheap and flexible in use
- Worldwide access
- Very high temporal resolution
- Very good spatial resolution
- ..., but somewhat noisy





FROM VISION TO DECISION

"Illustrasound"

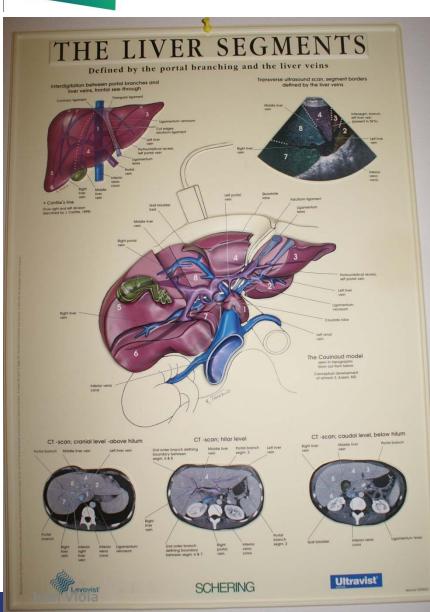
Illustrated Ultrasound for Multimodal Image Interpretation







MEDVIZ FROM VISION TO DECISION



Segment Distribution in the Liver

sch of which is further subdivided into called double segments, including a public segment encompassing the left

Upper abdominal transverse and subcostal slices, right

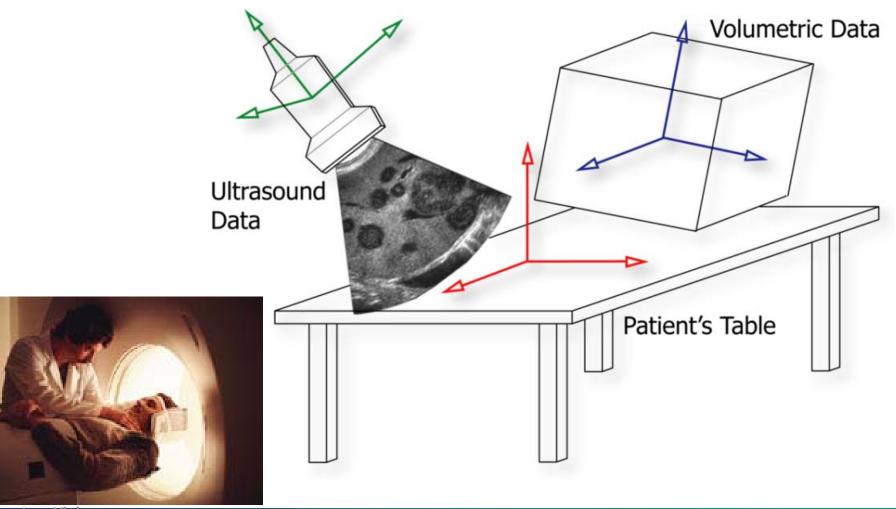
the branches of the po he bile ducts follow the po

4

Intercostal, flank and paramedian slices, right



MEDVIZ FROM VISION TO DECISION Multimodal Visualization

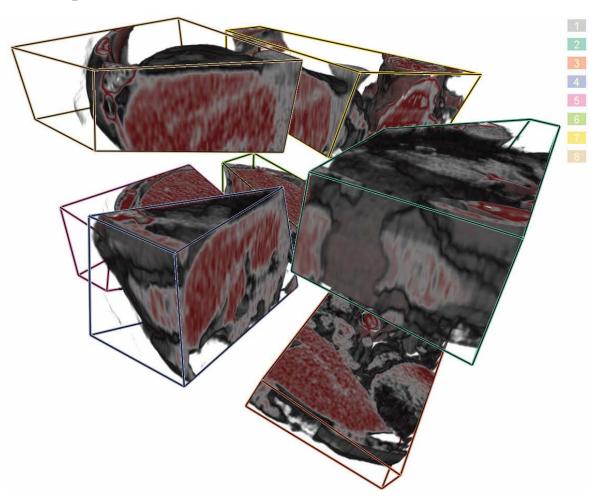


Ivan Viola



FROM VISION TO DECISION

Explosion View





MEDVIZ FROM VISION TO DECISION

"The red wood effect"