

Visualisierung Medizinischer Daten

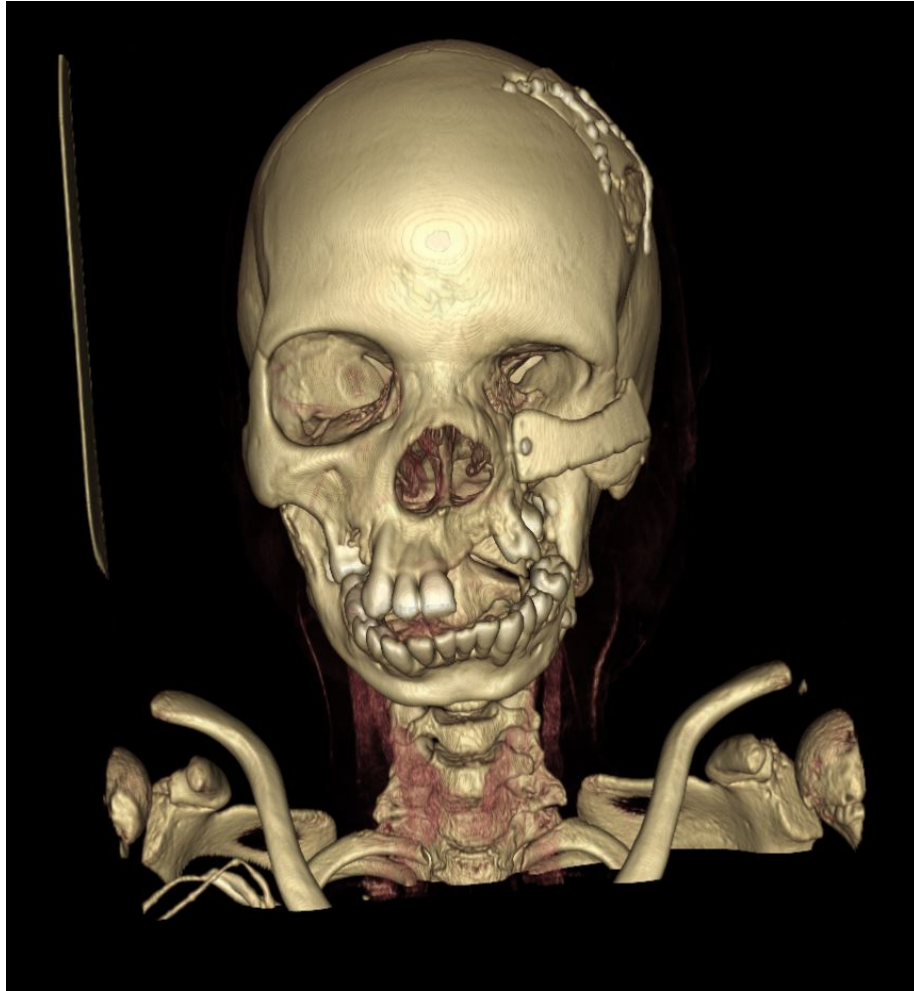
Direct Volume Renderer

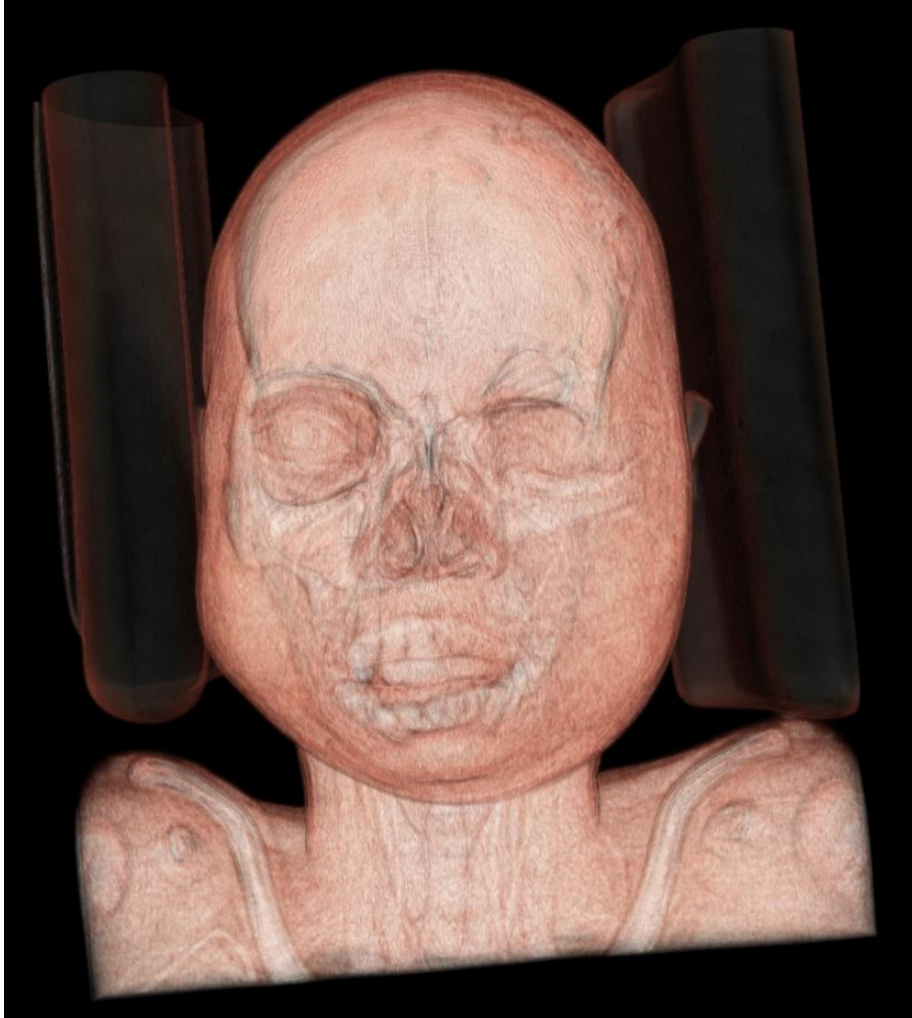
David Pfahler and Andreas Gogel

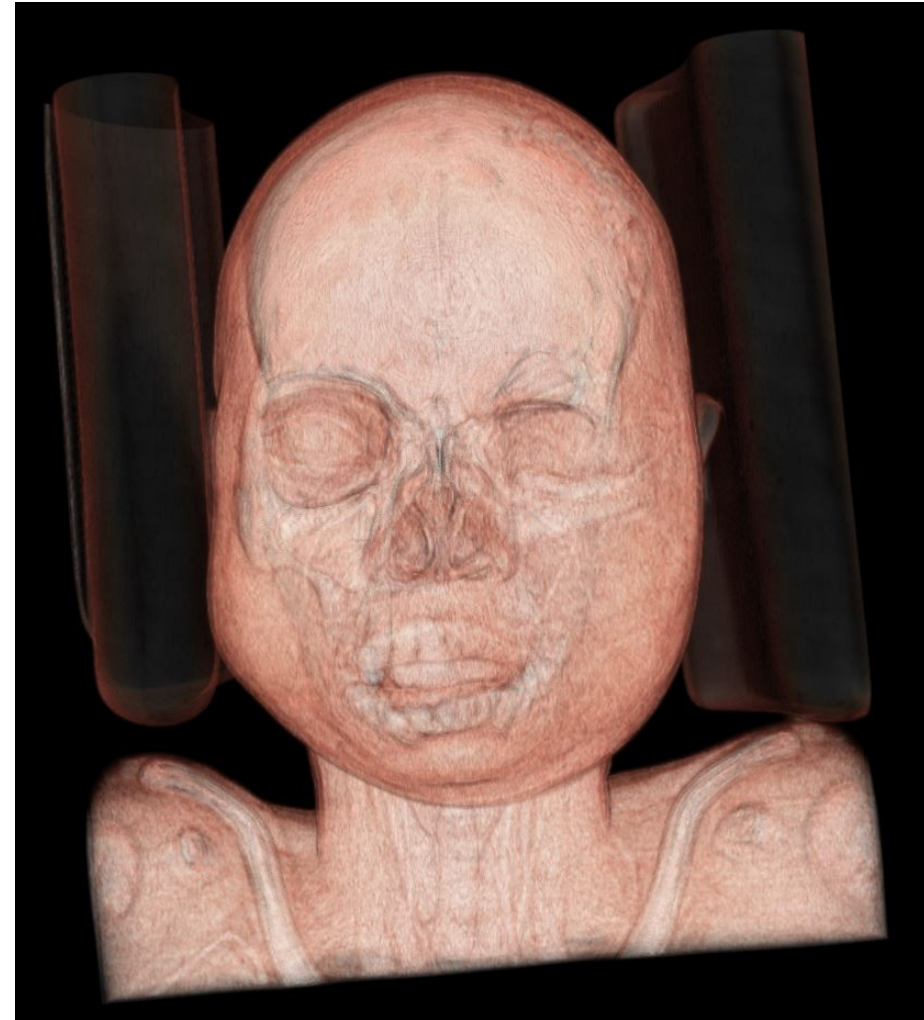
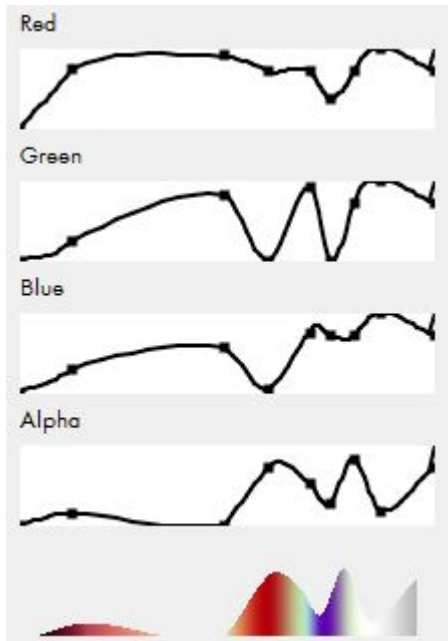


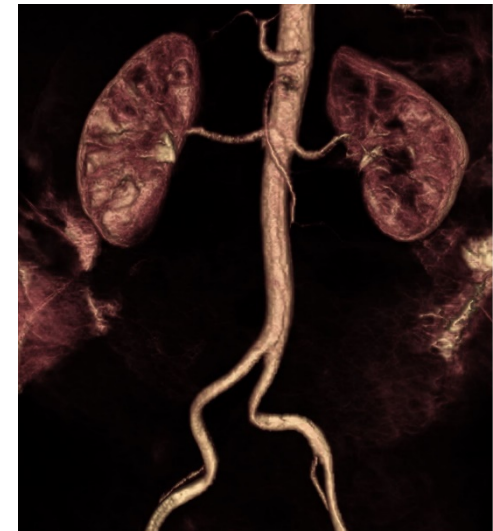
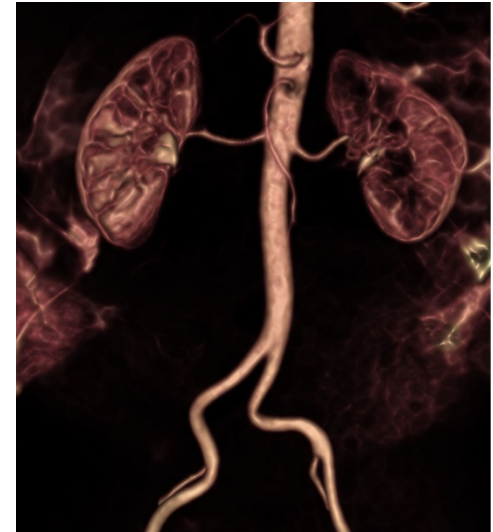
- Transfer Function
 - Qt Widget
- Filter
 - Gaussian
 - Bilateral
 - Median
 - Gradient
- Direct Volume Rendering
 - VTK
 - OpenGL

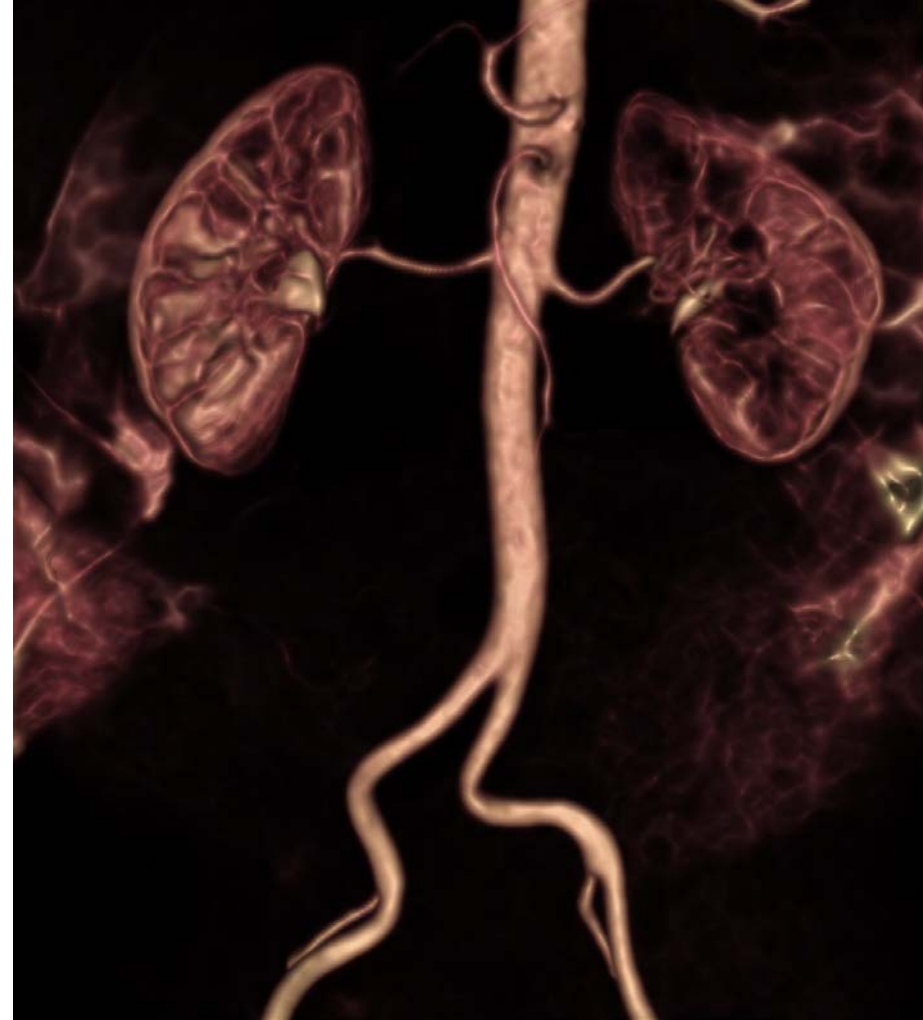




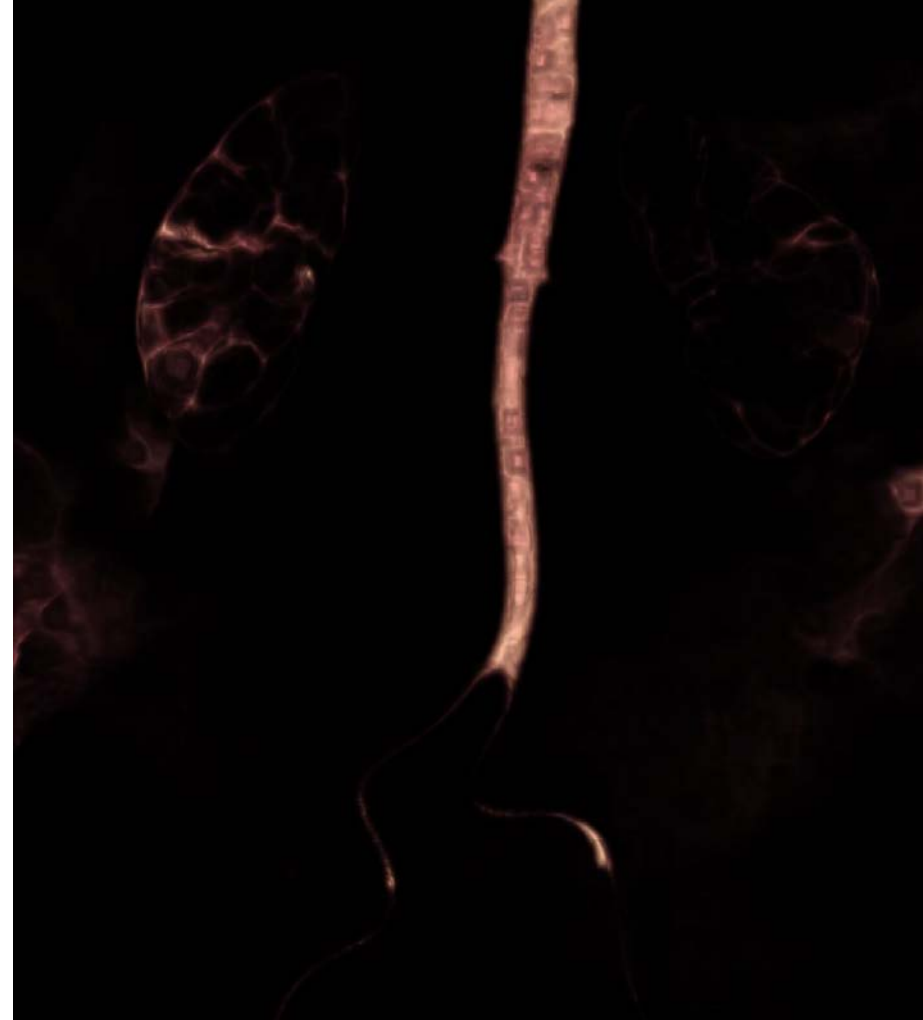








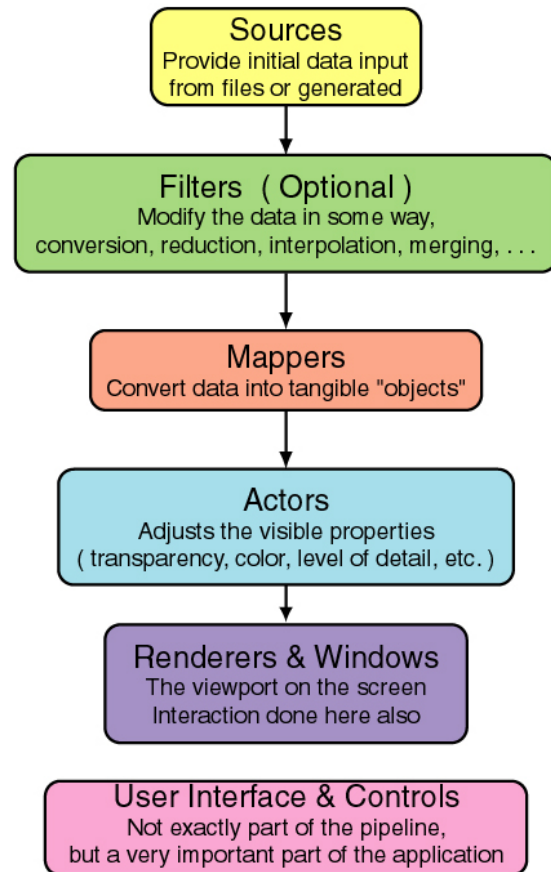






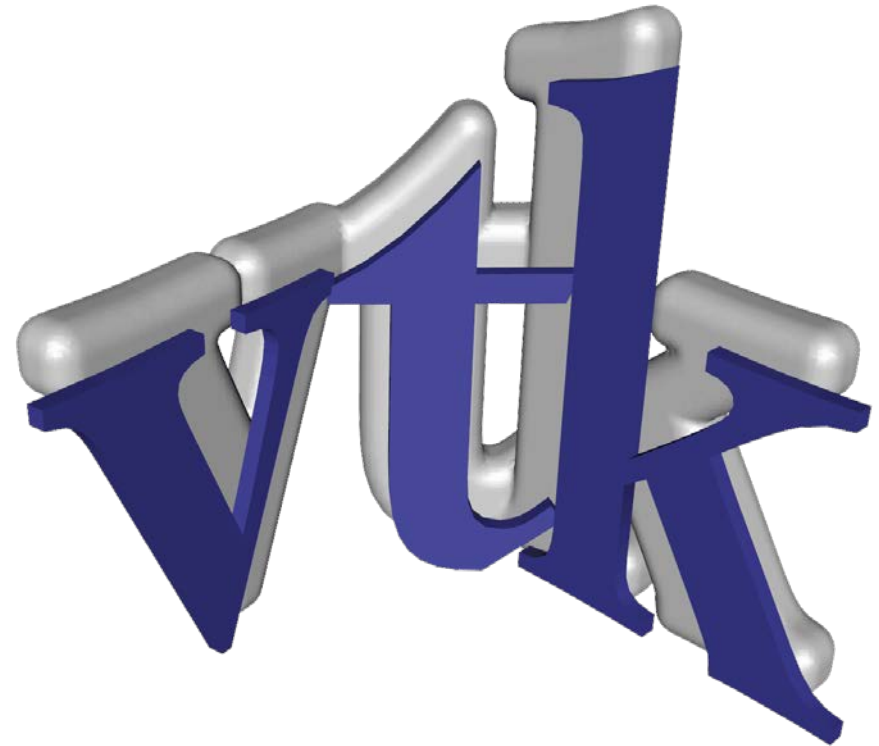


VTK Visualization Pipeline

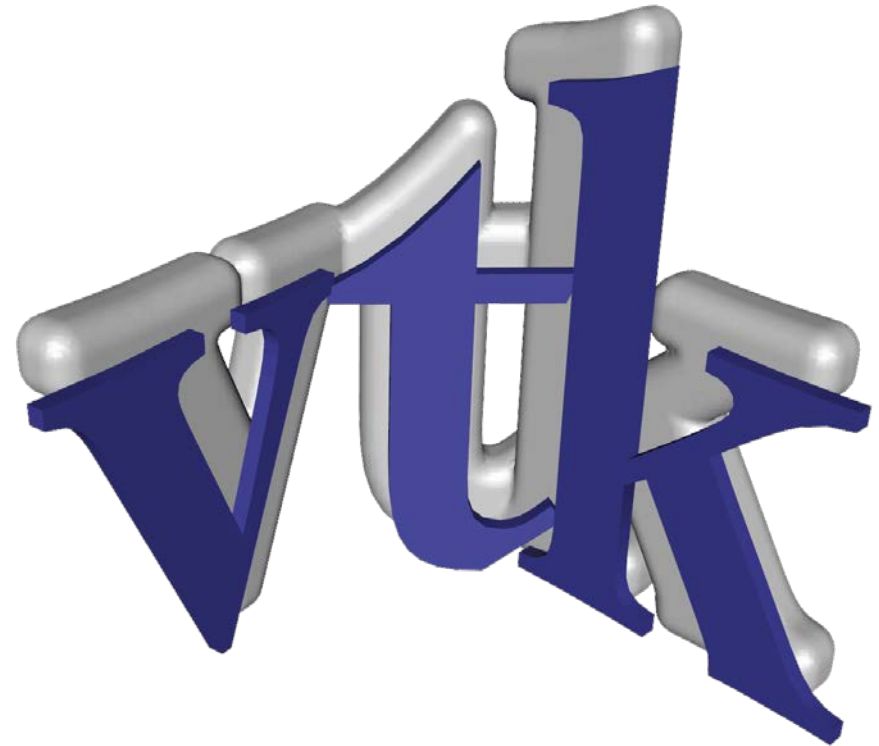


- Great Visualization Tool
BUT:

- Hard to get it running on windows
- Hard to implement abstract classes
- Hard to connect with QT



- Lessons Learned:
 - Great piece of software
 - Very easy to fulfill easy tasks
 - Don't try to add or change something.
 - It is already somewhere and you just have to find and include it.



- Real Time
- Interactions
- Demo

