

Exam 29.01.2008

Please, all answers in English.

1. Explain the Fourier slice theorem.
2. How the noise in the measurements can be filtered in FBP and the iterative image reconstructions?
3. How the image header information can be used in alignment of images from different sources?
4. You are building an image database for a health care unit, what aspects you need to take into account?
5. Describe Radon transform and give an example of it with a simple object.