

Two Days Workshop on *“Medical Diagnostics”*

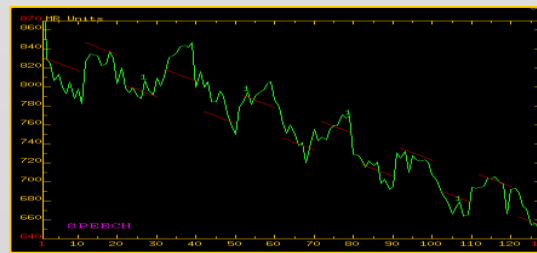
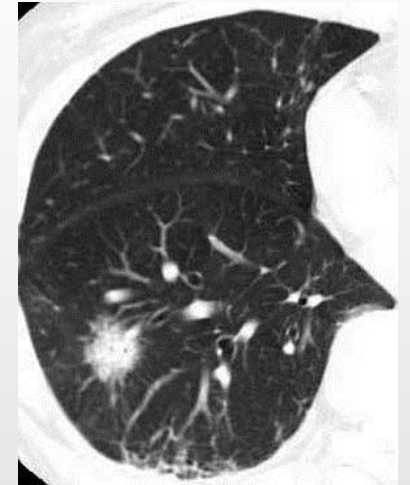
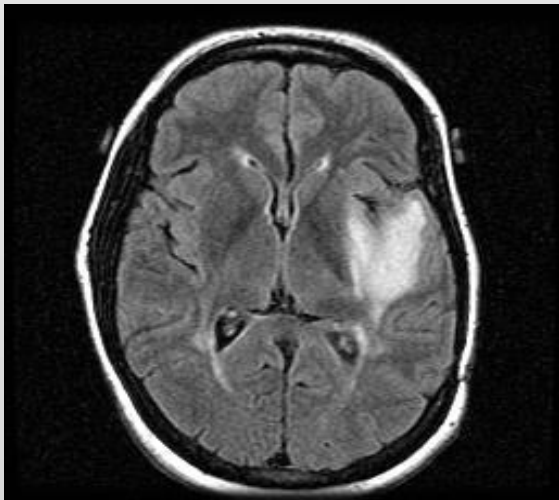
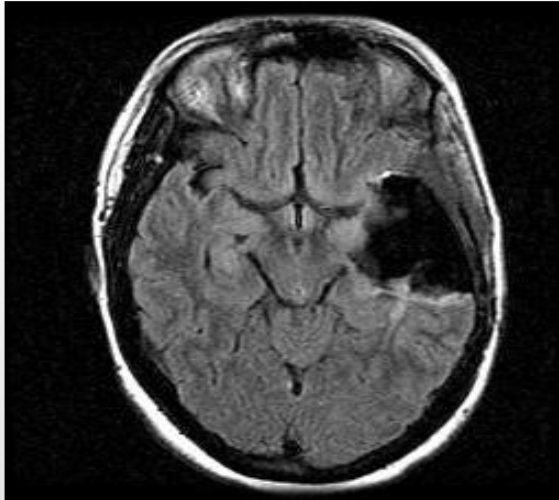
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(SIGNAL AND IMAGE PROCESSING)**



Day 1: Inauguration & Felicitation



Day 1: Session 1 Diagnostic Imaging: MR and CT

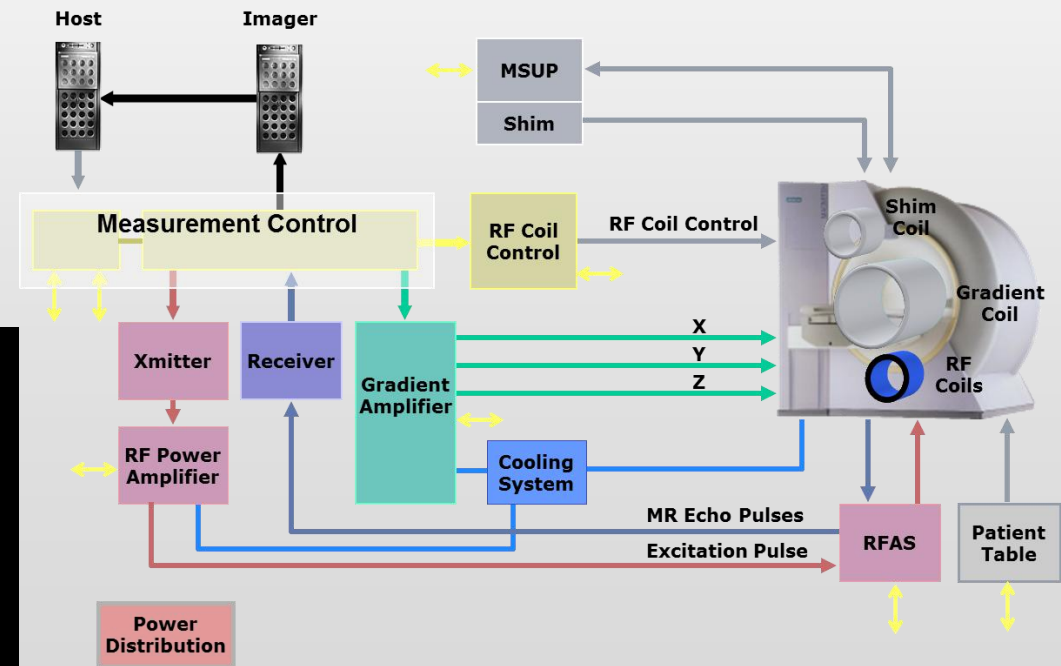
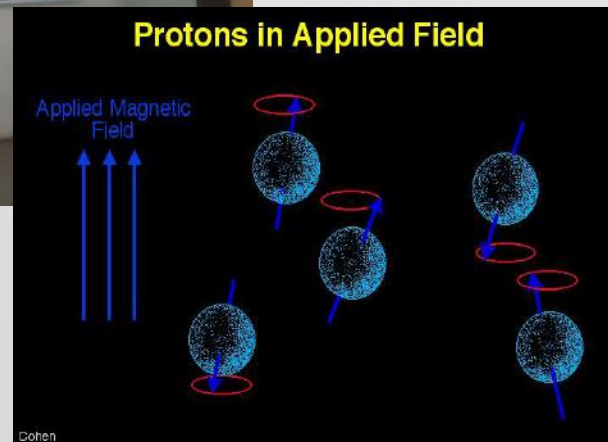
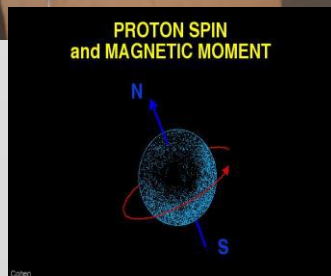


Day 1: Session 2

Introduction, MR Spin Physics, Signal Generation and Instrumentation

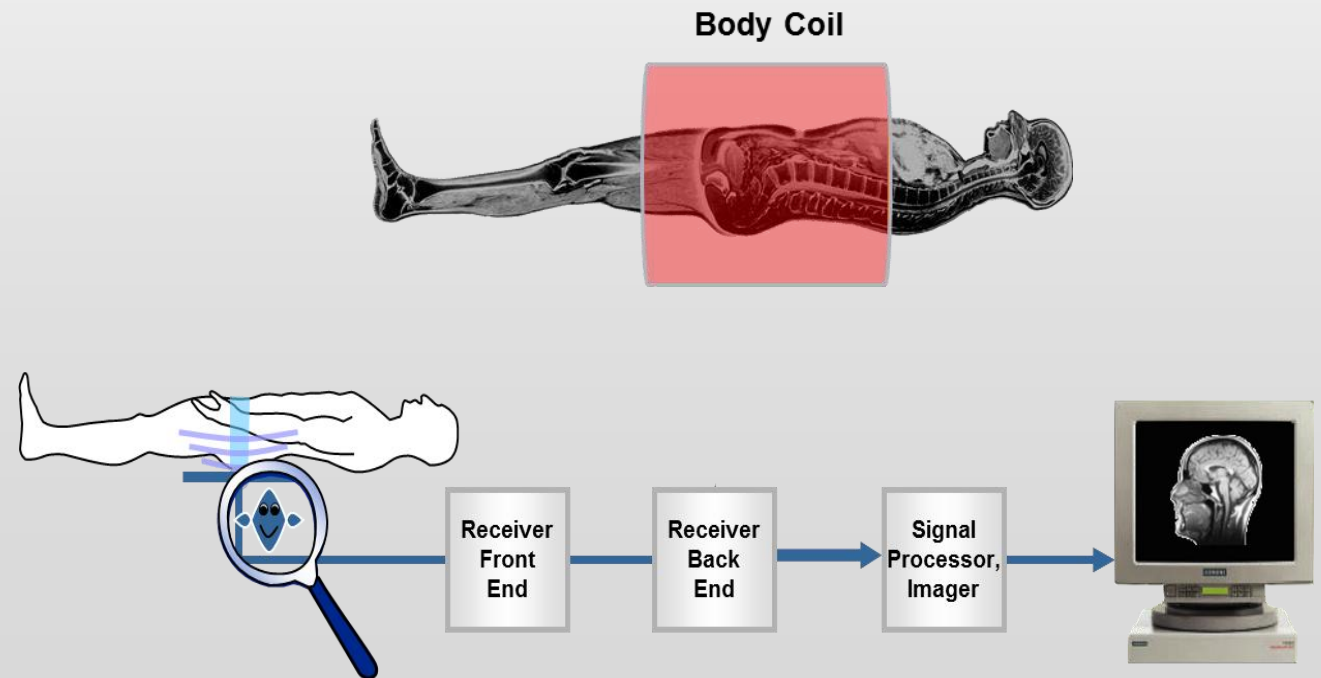


▪ Session by Dr. Ajay Deshmukh



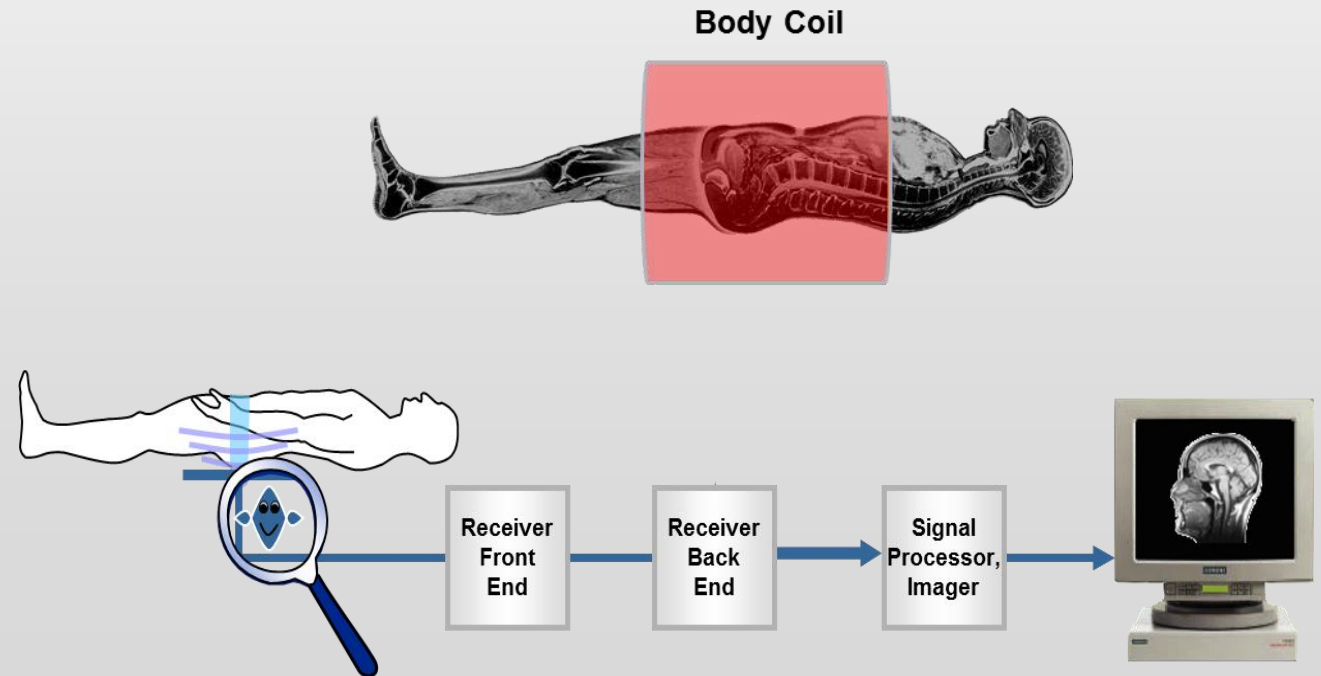
Day 1: Session 3 MR Image Reconstruction

- Session by Dr. Ajay Deshmukh



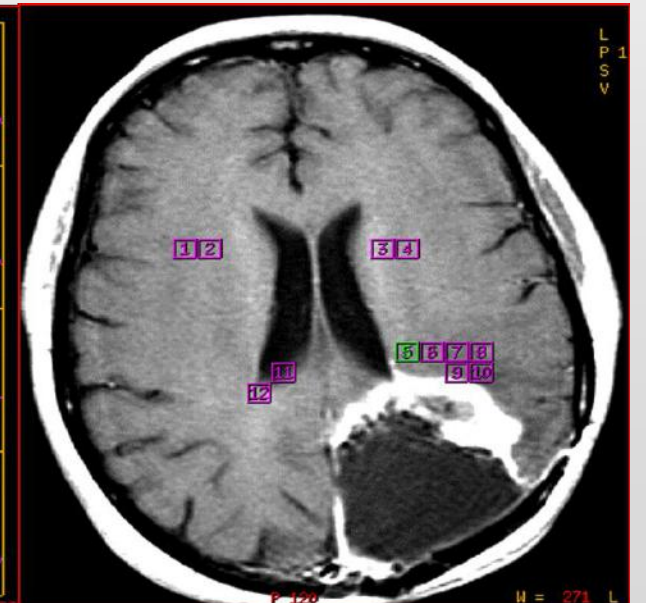
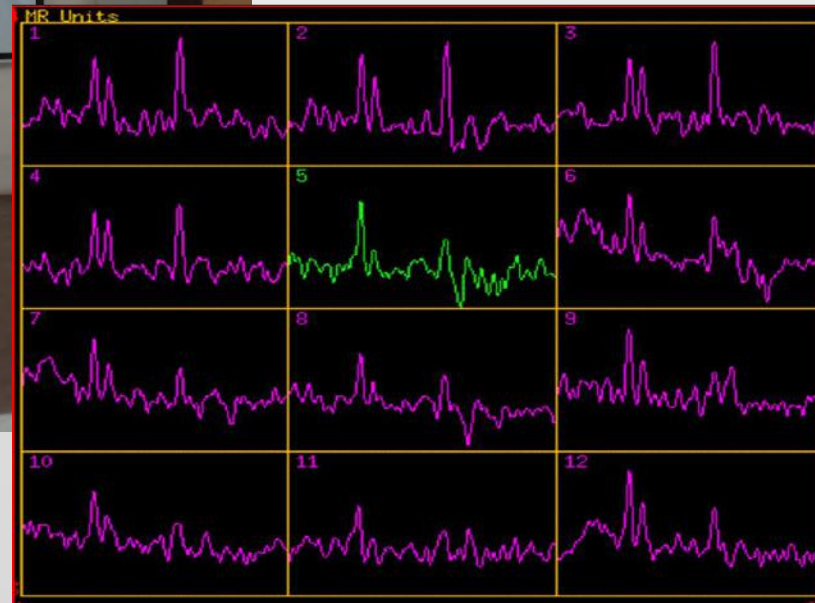
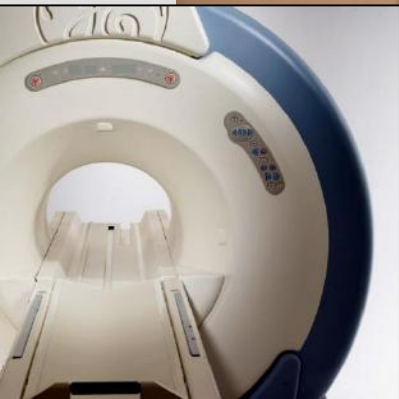
Day 1: Session 3 MR Image Reconstruction

- Session by Dr. Ajay Deshmukh



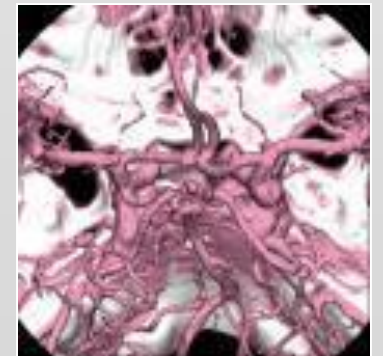
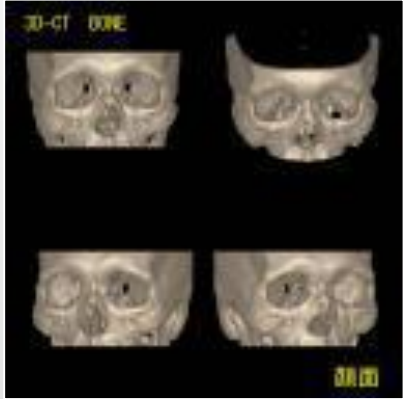
Day 1: Session 4 Interpretation of MRI Signal Intensities

- Session by Dr. Abhijit Pawar



Day 1: Session 5 CT Scan from Clinical Perspective

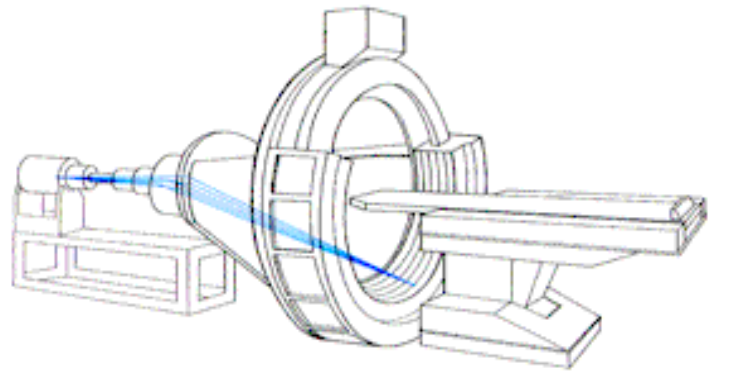
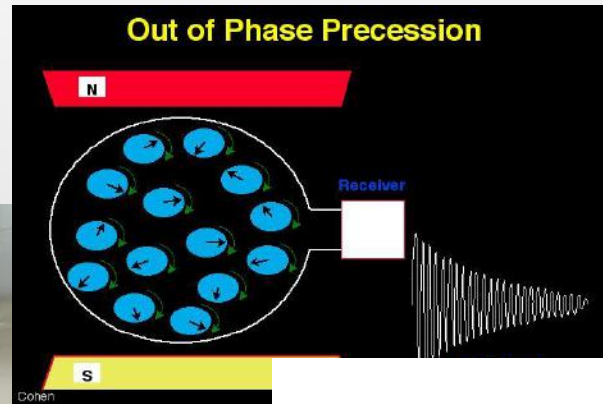
- Session by Dr. Abhijit Pawar



Day 2: Session 1

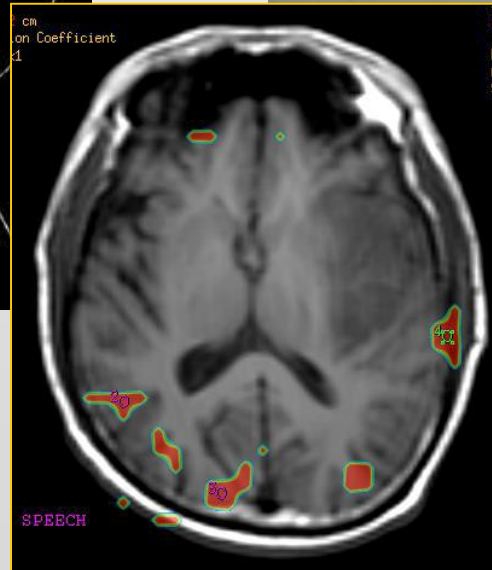
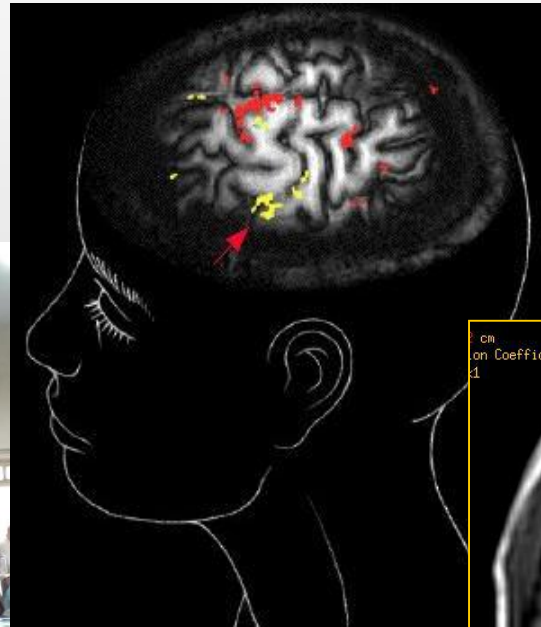
MR Spectroscopy and Spectroscopic Imaging

- Session by Dr. Ajay Deshmukh



Day 2: Session 2 Functional MRI

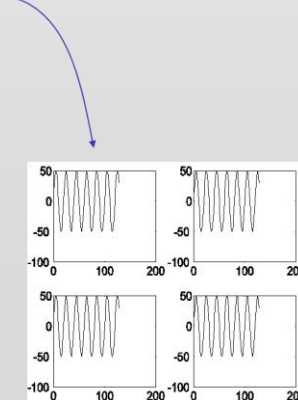
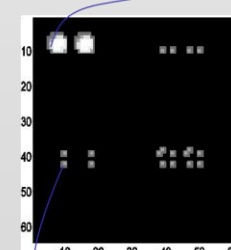
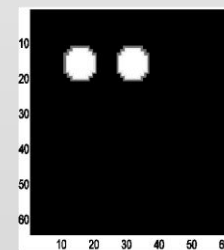
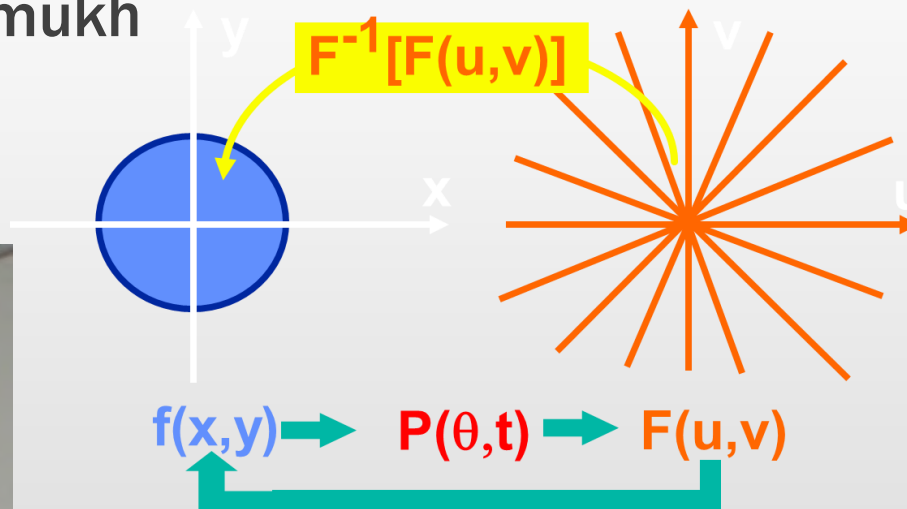
- Session by Dr. Ajay Deshmukh



Day 2: Session 3

Fourier and Non Fourier MR Imaging

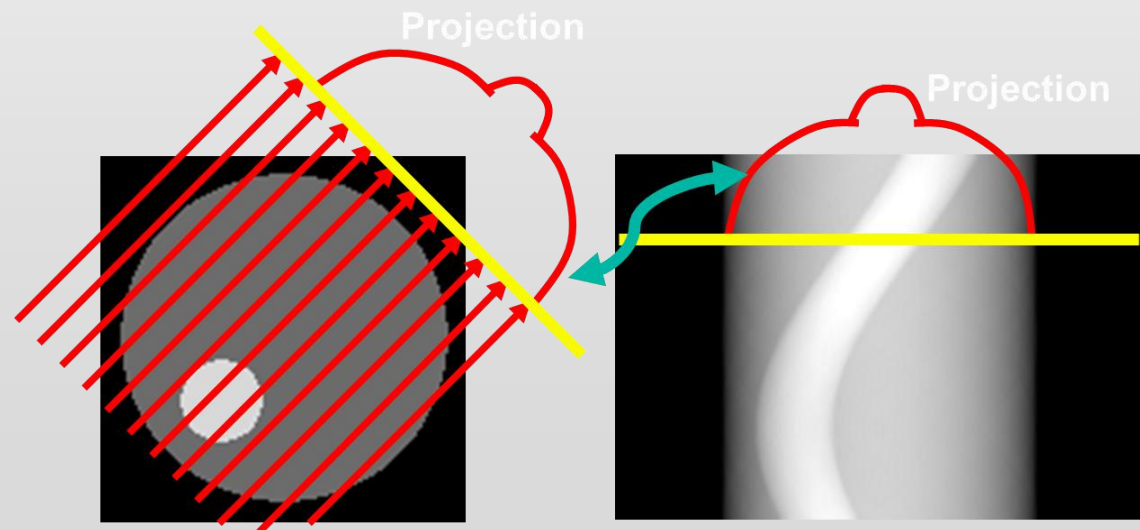
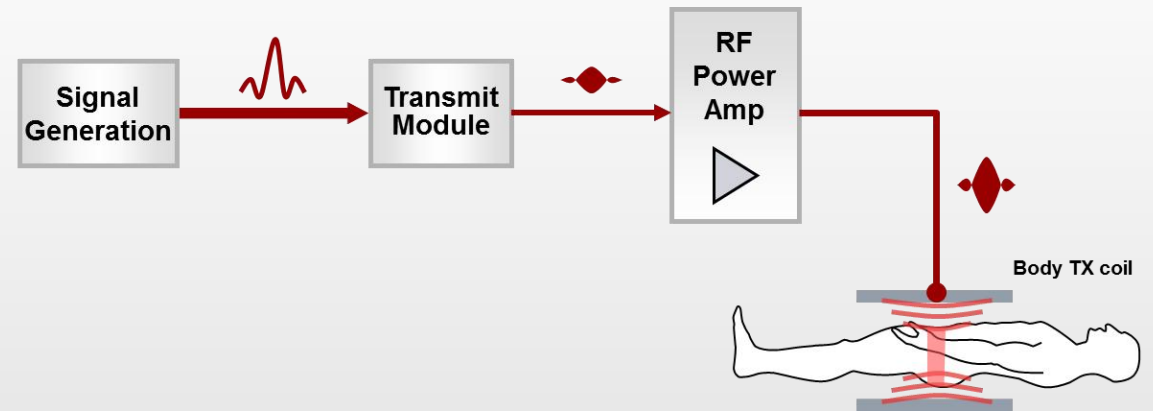
- Session by Dr. Ajay Deshmukh



Day 2: Session 4

The Radon Transform and CT Scan

- Session by Dr. Ajay Deshmukh



Day 2: Session 5

Cancer Diagnosis and MR Spectroscopy Interactive Discussions and Conclusion

- Session by Dr. Ajay Deshmukh



Thank You