

Neurologic Sequences: How and Why?

Karl Egger, MD
Department of Neuroradiology
University Medical Center Freiburg
79106 Freiburg, Germany

Course Description: The purpose of this course is to provide information about specifics of basic neurology sequences and about new MRI sequences that should be implemented in neurologic MRI routine.

After a brief summary of neurologic sequence characteristics the major focus will be on introducing new neurologic sequences, including information of how they work, how they should be implemented into clinical routine and why they improve MR diagnosis.

Course Objectives: (a) overview on basic neurologic MR sequences; (b) differences to MR sequences of other body regions; (c) frequent user errors; (d) which new sequences should become part of clinical routine protocols; (e) examples of how these new sequences improve MR imaging diagnosis;