

## **ADVANCED MRI TECHNIQUES FOR DIFFERENTIAL DIAGNOSIS**

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### **Abstract**

Magnetic Resonance Imaging has gradually become a valuable tool for diagnosis. The recent years, through of the availability of continuously higher magnetic fields, more qualitative and quantitative imaging techniques have been developed. Today, the clinical availability of more than 3T fields enable scientists to perform advanced MRI techniques, i.e. MRS, DTI, DWI etc, thus contributing to differential diagnosis. This presentation will focused on the application of those advanced techniques and especially to the differential diagnosis of the central nervous cases.