

4th International Conference on**Central Nervous System Disorders & Therapeutics**

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Current trends and future directions in interventional neuroradiology procedures**Francesco Massari**

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Interventional neuroradiology is a subspecialty of radiology focused on the treatment of abnormalities of the central nervous system, spine, and head and neck using neuroimaging techniques. Several radiologic imaging modalities, such as computed tomography (CT), magnetic resonance imaging (MRI) and fluoroscopy/fluorography are used to confirm a diagnosis of a cerebrovascular or spinal abnormality and to perform minimally invasive treatments, among which tumors, aneurysms, and vascular malformations embolization, mechanical thrombectomy for stroke, vertebral augmentation for osteoporotic and pathologic spinal fractures. Innovative scientists and physicians actively collaborate for a constant improvement and amelioration of the hardware and software utilized for procedure guidance as well as development of new more advanced and safe devices and technique to utilize in the interventional procedures.

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