



New Advances in Acute Ischemic Stroke Management: Review Article

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Article Info	A B S T R A C T
Article type: Review article	Background and Aim: Cerebrovascular disease is the second prominent reason for death and the sixth reason for disability worldwide, which will rise to 4th place by 2020. The main acute ischemic stroke management methods are divided into two groups consisting of intravenous or intra-arterial thrombolysis and mechanical thrombectomy. Regarding to growing development in the realm of diagnosis and treatment of stroke through state-of-the-art approaches including emergent thrombectomy, there is new opportunities for investigation in this area. This is while, a rough rate of 85% for strokes is occupied by and the remained is hemorrhagic. Hence, present study aimed to review recent advances in acute ischemic stroke management.
Article History: Received: 20 January 2020 Revised: 04 March 2020 Accepted: 14 May 2020	Materials and Methods: we first provided the relevant history and then the recent advances were discussed. The library data collection method was employed so that such databases as Web of Science, Pubmed and Science Direct were used for data extraction.
Keywords: Ischemic stroke Thrombectomy Thrombolysis	Results: The evidences totally confirm the importance of emergent thrombectomy as all believe the famous statement "time is brain". Conclusion: Although intravenous thrombolysis can be still considered as a crucial treatment for patients with AIS, endovascular thrombectomy should be considered for the patients with large vessel occlusion.