

AIS system in Japan

Contribution of Japanese Society of Neuroendovascular Therapy (JSNET)

Title of the presentation

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Purpose:

In the national basic act for stroke management the most important and expected part of the treatment is mechanical thrombectomy (MT) for cerebral embolism. The efficacy of MT has been certified in many clinical studies, and MT is strongly supported and recommended as the emergency treatment option in the stroke guideline. Although the systematic management of stroke centers are the job of the society of stroke, Japanese Society of Neuroendovascular Therapy (JSNET) has a role to train and qualify MT specialists.

Methods:

The issues particularly related to JSNET in the national strategic projects are follows.

- 1)Arrangement of the institutes and physicians for the delivery of special medical services
- 2)Management of stroke care system with rapid and proper transportation to the stroke center
- 3)Promotion of the basic and clinical study for the stroke care.

Results:

JSNET has been engaged in the society-supported national survey and research to know the present conditions of MT like as RESCUE Japan study and JRNET survey. We also establish the examination system for the qualification of MT practitioners and the guideline for the practice of MT. We have also long discussed about the prehospital scale and time-effective, in-hospital service to realize the fastest recanalization. The topics of MT are always spotlighted and the tools and methods are discussed to achieve the most effective recanalization (first pass, TICI 3).

Conclusions:

Society-supported events and education combined and collaborating with government and local organization is important to establish the ubiquitous medical circumstance for the care of AIS patients. Society oriented survey of whole nations and the feedback of the results are valuable to improve and innovate the emergency care system and to pursue the best indication and technical methods.