

Safer and Better: Caring for Stroke Patients Undergoing Endovascular Treatment

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Abstract

Endovascular treatment in acute ischemic stroke is the non-surgical treatment for the sudden loss of brain function due to blood clots. Endovascular treatment is a highly effective treatment that reduces the occurrence of disability and death after acute ischemic stroke. When combined with intravenous thrombolysis or alone in patients ineligible for thrombolysis, Endovascular treatment can result in up to 70 percent of patients recovering.

Interventional neuroradiology nurse is an important health professional in the stroke interventional neuroradiology team. She/he obtains patient reports from the emergency department or the transferring hospital and distributes information to the interventional neuroradiology team. Interventional neuroradiology nurse provides a safer and better endovascular nursing care for patients with acute ischemic stroke and implements the nursing model called “APPLE”. In addition to that, she/he also performs a continuous improvement of their work quality to ensure better clinical outcomes of stroke patients undergoing endovascular treatment.

Keywords: acute ischemic stroke, endovascular treatment, interventional neuroradiology, endovascular nursing care

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