

# Practice Buzz: How Do You Manage Acute Ischemic Stroke?

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## Introduction

Practice Current and Practice Buzz Surveys are intended to assess neurologic practice around the world. There are no right answers in this survey. We include topics that are controversial or limited evidence is available. Additionally, many external factors may affect practice (insurance, access to medication, etc.). We are interested in capturing the variability of real-life practice. While recognizing each case is different, please choose the answer that best reflects your TYPICAL practice and limit free text to strategies that are not included.

This survey pertains to your practices, knowledge, and beliefs regarding management of patients presenting with acute ischemic stroke with large vessel occlusion (LVO). The survey is intended for neurologists (physicians and advanced practice providers) who care for adult patients with stroke and transient ischemic attack in the inpatient settings.

Estimated Time: 6 Minutes

### 1) How much of your clinical time is spent in the care of patients with acute stroke?\*

- Less than 20%
- 20% to less than 50%
- More than 50%

### 2) What is your current role?\*

- Resident/Fellow
- Attending/Consultant/Faculty Board-certified Physician
- Advanced Care Provider (Nurse Practitioner or Physician Assistant)
- None of the Above

**Page exit logic:** Skip / Disqualify Logic **IF:** (#1 Question "How much of your clinical time is spent in the care of patients with acute stroke?" is one of the following answers ("Less than 20%") OR #2 Question "What is your current role?" is one of the following answers ("None of the Above")) **THEN:** Disqualify and display: "**Thank you for your interest. Unfortunately, you do not qualify to participate in this survey.**"

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## Demographic Information

### 3) What is your primary work setting?\*

- Endovascular thrombectomy (EVT) capable center
- Not an EVT capable center, but I can transfer patients to EVT capable center
- Not an EVT capable center, and I cannot transfer patients to EVT capable center

### 4) How many years have you been in practice?\*

- In Training
- Less than 10 years
- 10 or more years

### 5) My neurology practice is primarily in:\*

- General neurology
- Epilepsy
- Vascular Neurology
- Movement Disorders
- Neuromuscular
- Neuro-oncology
- Multiple Sclerosis/Neuro-Inflammatory diseases
- Neuro Intensive Care
- Neuropsychiatry, Behavioral Neurology, and/or Functional Neurologic Disorders
- Other - Please specify: \_\_\_\_\_\*

### 6) On which continent do you currently practice?\*

- Asia
- Africa
- North America
- South America
- Antarctica
- Europe
- Australia

Logic: Show/hide trigger exists.

7) In what country is your practice located?\*

Logic: Hidden unless: #7 Question "In what country is your practice located?" is one of the following answers ("United States")

8) In what state is your practice located?\*

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## Case-based Questions

Please choose the answer that best reflects your TYPICAL practice.

### CASE 1

65-year-old, otherwise healthy male, presented to emergency department during the day with disabling right hemiplegia and global aphasia. Symptom onset was 1 hour ago. Imaging showed no early ischemic changes in the left middle cerebral artery (MCA) territory and there was a left MCA (M1 segment) occlusion (large vessel occlusion) (Figure).

**SCENARIO 1: You are seeing this patient at an EVT-capable center**

9) In current practice, how would you treat this patient? (Choose one.)\*

- Intravenous thrombolysis alone
- Intravenous thrombolysis in combination with endovascular thrombectomy
- Endovascular thrombectomy alone

10) If you decide to give thrombolysis, what is the medication that you use in your current practice?\*

- Alteplase
- Tenecteplase
- Other: \_\_\_\_\_ \*

11) If you decide to give thrombolysis, what is the medication that you would like to administer under ideal circumstances?\*

- Alteplase
- Tenecteplase
- Other: \_\_\_\_\_ \*

**SCENARIO 2: You are seeing this patient at non EVT-capable center (offers thrombolysis alone)**

**12) In current practice, how would you treat this patient? (Choose one.)\***

- Directly transfer the patient to endovascular thrombectomy (EVT) capable center for endovascular treatment
- Give intravenous thrombolysis, then transfer to EVT capable center for endovascular treatment
- Give intravenous thrombolysis alone and not transfer the patient

**13) If you decide to give thrombolysis, what is the medication that you use in your current practice?\***

- Alteplase
- Tenecteplase
- Other: \_\_\_\_\_ \*

**14) If you decide to give thrombolysis, what is the medication that you would like to administer under ideal circumstances?\***

- Alteplase
- Tenecteplase
- Other: \_\_\_\_\_ \*