



## NEEDS ASSESSMENT AND LEARNING OBJECTIVES

### 2020 Arizona Stroke Conference

#### Needs Assessment

Stroke is the leading cause of adult disability in the U.S. (Roger, V. et. al., *Circulation*, 2012;125:188-97). Efforts targeting continuing education of the health care professionals who care for those with stroke and transient ischemic attack (TIA) across the continuum of care will undoubtedly contribute to further reductions in mortality and disability (Towfighi A. and Saver J., *Stroke*, 2011;42: 2351-55. Recent advances in stroke care, including recent randomized trials demonstrating a clinical benefit from endovascular therapy, highlight the need for ongoing educational efforts for healthcare professionals involved in stroke care. (Bewrkhermer et al, *NEJM*, 2015;372: 11-20; Goyal et al, *NEJM*, 2015, epub Feb 11, 2015) Scientific rationale for changes to the Inclusion and Exclusion Criteria for Intravenous Alteplase (Demaerschalk BM, Kleindorfer DO, Adeoye OM, Demchuk AM, Fugate JE, Grotta JC, Khalessi AA, Levy EI, Palesch YY, Prabhakaran S, Saposnik G, Saver JL, Smith EE; on behalf of the American Heart Association Stroke Council and Council on Epidemiology and Prevention. Scientific rationale for the inclusion and exclusion criteria for intravenous alteplase in acute ischemic stroke: a statement for healthcare professionals from the American Heart Association/American Stroke Association. *Stroke* 2016;47) .

Currently there are more than 1000 certified Primary Stroke Centers in the United States. Across the United States we now have over 100 Comprehensive Stroke Centers. Many rural hospitals provide stroke treatment through use of telemedicine and we are now seeing more Stroke Ready Hospitals. Accompanying the significant advancement in the provision of quality stroke care are increased requests for comprehensive stroke education from both health care professionals and organizations throughout the United States. Therefore, the **purpose** of this educational event is to provide state-of-the-art, evidence-based practice education reflecting the continuum of care for stroke and TIA to health care professionals in the United States.

#### .Learning Objectives

As a result of completing this educational activity, participants will be able to

1. Demonstrate knowledge of existing evidenced-based, best practices for stroke and TIA along the continuum of care, including pre-hospital, emergent, acute care, and post-acute care settings.
2. Discuss emerging research and best practices for stroke and TIA, including results of recent randomized trials of endovascular therapy, scientific rationale for changes to the Inclusion and Exclusion Criteria for Intravenous Alteplase.
3. Discuss unique issues of stroke and TIA care, identify gaps in care, and discuss solutions to the identified gaps in stroke and TIA care.

**Approved by the Tucson Stroke Leadership Group, Inc. and Arizona Stroke Conference planning committee**