



**Department  
of Health**

# **New York State Stroke Designation Program Presentation to PHHPC**

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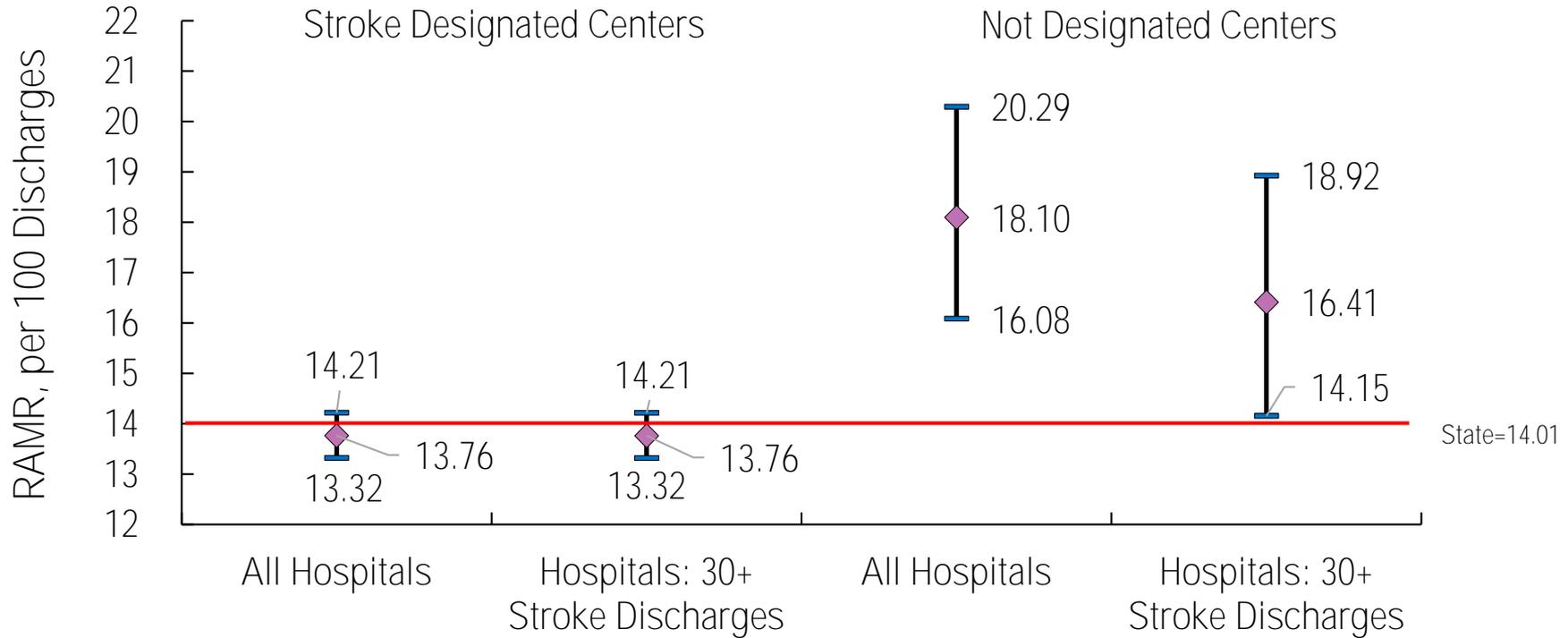
# Introduction

# Current NYS Stroke Designation

- Currently 120 hospitals are designated as NYS Stroke Centers
  - Program is voluntary and not in regulation
  - NYS DOH evaluates and designates stroke centers
  - Designation is limited to Primary Stroke Center level
  - EMS stroke protocol includes triage to NYS designated centers
- Program includes NYS stroke care data collection and improvement
- >90% strokes were treated at NYS Stroke-designated hospitals
- NYS stroke mortality 2<sup>nd</sup> lowest in nation



# Risk Adjusted Mortality Rates, by Volume and Designation, 2013



Stroke RAMR and 95% Upper and Lower Bounds for the Confidence Intervals

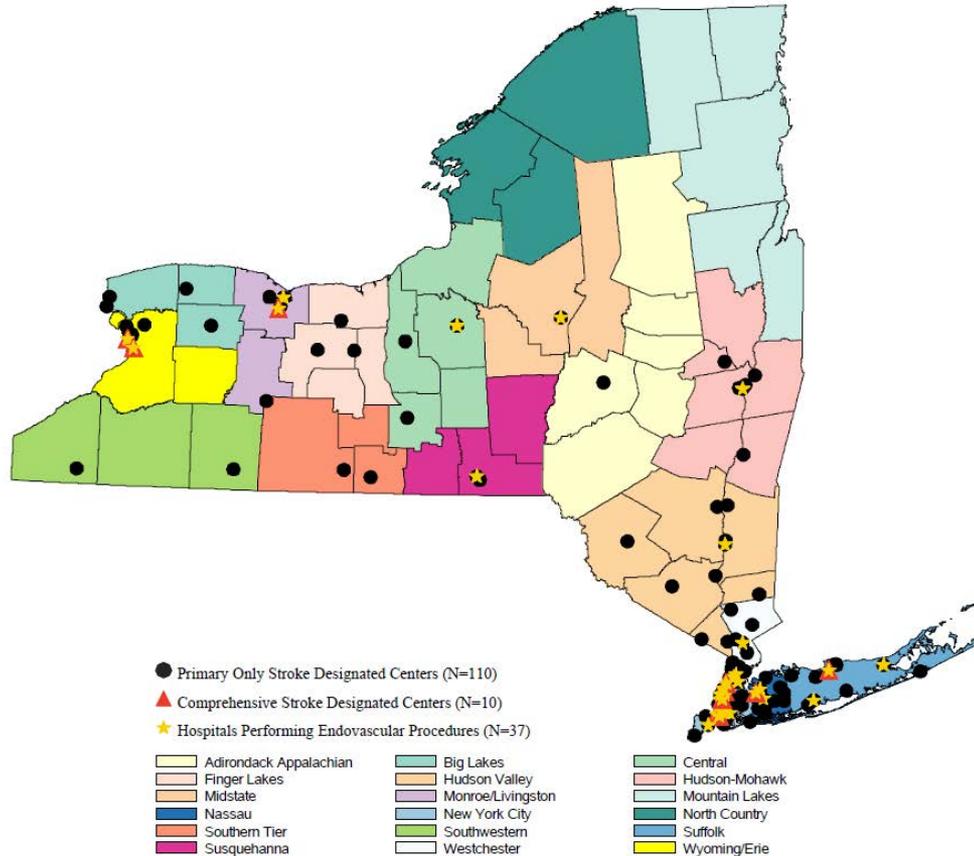
# Limitations of NYS Stroke Designation Program

- Challenges for alignment with evolving stroke guidelines and evidence
- Lack of regulation to guide DOH in administering the current program
- Lack of designation of higher levels of care, with consequent hospital pursuit of external accreditation
- Voluntary program, does not give the State the authority to be the only entity to designate
- Process might be insufficient to ensure program integrity

# Current NYS Stroke Care Landscape

- 10 hospitals recognized as Comprehensive Stroke Centers by national accrediting organizations
- 37 hospitals performed intracranial endovascular procedures 2016-17
- EMS regions have begun implementing pilots for triage to higher-level stroke centers for suspected large vessel occlusions

## New York State Stroke Designated Centers by EMS Region



Note: One facility that is not Comprehensive or Primary Stroke Designated performed an endovascular procedure

## Problem Statement:

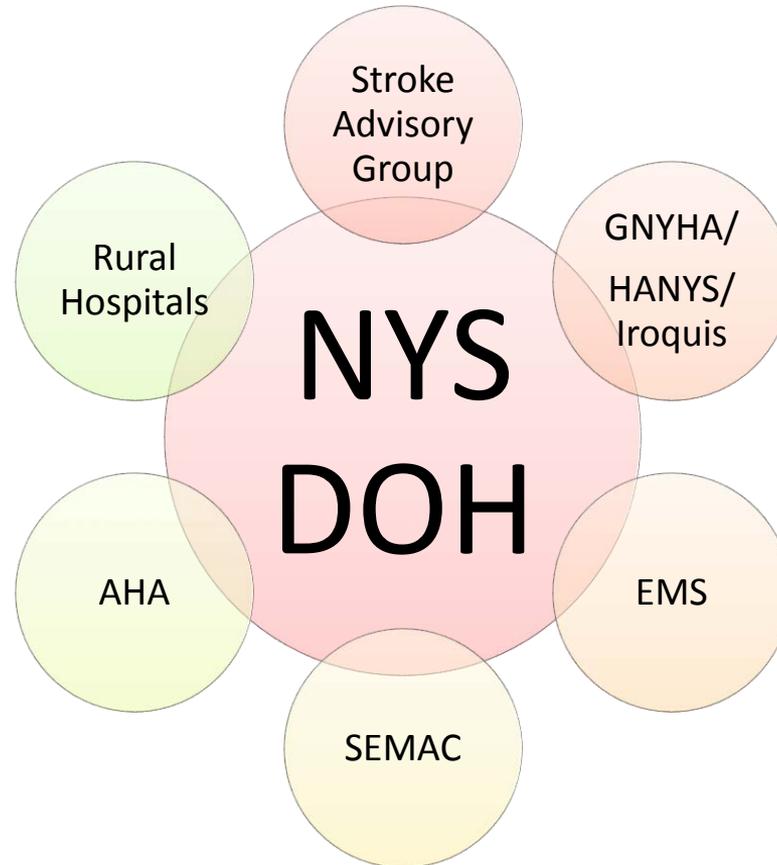
NYSDOH requires regulations for the Stroke Program to

- Incorporate designation of tiered levels of centers (primary and higher level stroke centers) with regular re-designation
- Remain up-to-date with stroke guidelines and recommended treatment
- Require approval of accrediting organizations in NYS to ensure the criteria used for stroke center certification are consistent and meet the requirements of NYS.

## NYS DOH Goals:

- Ensure access to quality, evidence-based stroke care for all patients across all levels of stroke center designation throughout NY State
- Establish a framework to support regional operationalization of transport processes for suspected stroke
- Continue full reporting of data for evaluation and monitoring of systems of stroke care

# Stakeholder Involvement:



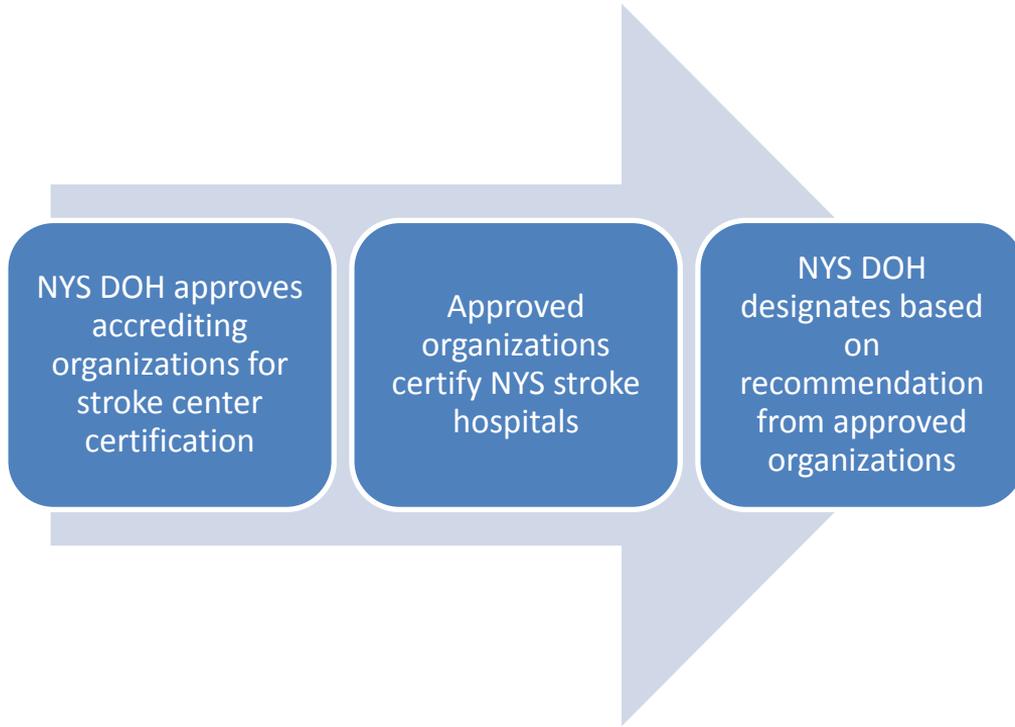
# NY Stroke Designation Program Proposal

# NYS Stroke Center Designation Regulation

- Continue as voluntary program for hospitals (not a requirement)
- Require NYSDOH criteria for stroke center certification by accrediting organizations in NYS
- Require that NYSDOH be given access to comprehensive data from the designated stroke centers (performance measures and time targets)
- Require designated stroke centers to participate in quality initiatives
- Establish processes for withdrawing designation from the hospitals
- Recognize a transition period for existing stroke centers



# NY State Stroke Center Designation Regulation

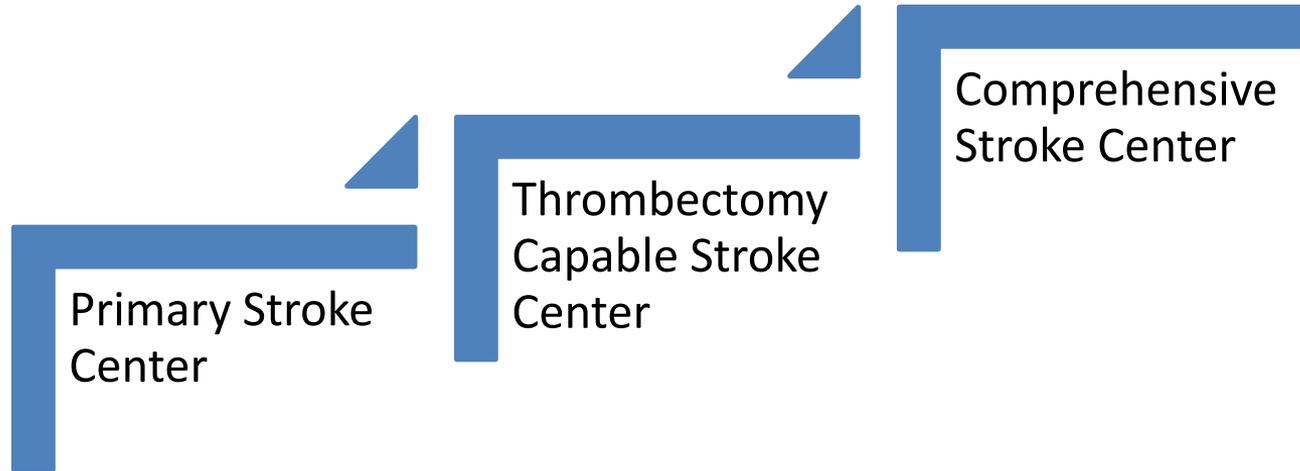


# Accrediting Organizations

- Currently 4 accrediting organizations certify stroke centers nationwide (TJC/AHA, DNV, HFAF, CIHQ)
- Can apply to NYS for time-limited approval to certify centers in NYS
  - Application and approval process will include NYS DOH review of accrediting organization applications to ensure the certification program includes the NYS stroke center criteria determined by the Stroke Advisory Committee
- Designation process includes periodic re-designation reviews



# Stroke Center Levels



# Data Collection

- Accrediting organizations will agree to collect all required data and measures and allow facilities to submit the required data to NYSDOH
- For evaluation and comparison of results, all hospitals with any level of stroke designation will provide data so NYSDOH can monitor timely treatment and outcomes for patients experiencing strokes
- Data requirements are informed by Stroke Advisory Group input

# Time Frame for Stroke Centers to Transition

- NYS Stroke Centers have two years to initiate the certification process with an accrediting organization approved by NYS to certify stroke centers.
- Once the process is initiated, existing stroke centers have one year to complete the certification process with the approved accrediting organization and receive DOH designation.
- Existing stroke centers that have not initiated the certification process with an approved accrediting organization within two years of the regulations being approved will lose designation as a NYS stroke center.

# Questions