



## Program Overview

In June 2007, the Minnesota Department of Health (MDH) was awarded a grant from the Centers for Disease Control and Prevention Division for Heart Disease and Stroke Prevention to implement the Paul Coverdell National Acute Stroke Registry. This program in Minnesota is called the *Minnesota Stroke Registry (MSR)*.

### Mission/Purpose of the CDC Paul Coverdell National Acute Stroke Registry

- To measure, track, and improve the quality of care for acute stroke patients;
- To decrease the rate of premature death and disability from acute stroke through secondary prevention;
- To increase public awareness of stroke treatment and prevention; and
- To reduce disparities in acute stroke care by providing underserved populations with better access to such care.

### About the Program

- Five-year funding cycle began June 2007
- The **Minnesota Department of Health** Heart Disease and Stroke Prevention Unit is the lead organization for this grant. The **University of Minnesota Division of Epidemiology and Community Health** consults for the program.
- Six state health departments were awarded grants to implement this program: Georgia, Massachusetts, Michigan, Minnesota, North Carolina, and Ohio.

### Activities and Expectations

- Hospitals enroll into the program through a grant agreement with MDH
- Hospitals abstract all adults over 18 years of age arriving in an emergency department (or directly admitted to the ward) with a suspected diagnosis of stroke or TIA. Case abstraction should be completed no later than three months post-discharge.
- Hospitals enter quality of care data via secure web-based data entry system
  - MDH manages and maintains this secure database
  - Data are analyzed by the MSR team and communicated to hospitals regularly
  - Hospitals can only see their own hospital's data and an aggregated summary of all hospitals' data
  - Hospitals participating in the American Heart Association Get With The Guidelines-Stroke program may enter data into the Patient Management Tool
- Data quality is assessed through chart audits conducted by MDH staff
- The MSR team works with hospitals to implement quality improvement interventions, based on trends and results from the registry data
- An advisory committee serves as an external monitor of the registry, to advise the registry staff and develop a long-term plan for sustainability of the program
- Processes and outcomes will be evaluated throughout the program

### Hospital Participation

- Currently there are 36 hospitals enrolled in the program
- To enroll, please contact Albert Tsai at [albert.tsai@state.mn.us](mailto:albert.tsai@state.mn.us) or (651) 201-5413

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**For more information and resources:** [www.mnstrokeregistry.org](http://www.mnstrokeregistry.org)