



The Minnesota Stroke Registry – A Brief 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 project, began on June 30, 2007
- The **Minnesota Department of Health** Heart Disease and Stroke Prevention Unit is the lead organization for this grant. The **University of Minnesota** is a consulting partner for this grant award.
- The grant award totals \$563,000 annually through 2012.
- Six state health departments were awarded grants in FY2008: Georgia, Massachusetts, Michigan, Minnesota, North Carolina, and Ohio.

Key Activities and Information

- Hospitals enroll into the program through a grant agreement with MDH
- All adults arriving in an emergency department (or directly admitted to the ward) with a suspected diagnosis of stroke are eligible to be entered into the registry database
- 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
- Data quality is assessed through chart abstraction 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 21 hospitals enrolled in the program
- Participation in the Minnesota Stroke Registry is open to any acute care hospital in Minnesota
- Enrollment will continue through June 2010
- To apply to participate, please contact Albert Tsai at albert.tsai@state.mn.us or (651) 201-5413

For more questions, please contact:

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Visit us online for more information and resources: www.mnstrokeregistry.org