



Michigan Stroke Conference 2010: Bridging the Gaps

VisTaTech Center • Schoolcraft College • 18600 Haggerty Rd. • Livonia, MI 48152

7:00 a.m.

Registration opens

Continental Breakfast with Exhibitors
Diponio Room

8:00 a.m.

Welcome and Opening Remarks

State of Stroke in Michigan
Diponio Room

Greg Holzman, MD, MPH
Chief Medical Executive,
Michigan Department of Community Health

8:30 a.m.

Effects of Intensive Blood Pressure Control on Cardiovascular Events in Type 2 Diabetes Mellitus: The ACCORD Blood Pressure Trial

Diponio Room

This presentation will focus on the blood pressure control for specific patient groups, describe research findings and describe the treatment goals in patients with diabetes mellitus.

William Cushman, MD, FACP, FAHA, FASH
Chief, Preventive Medicine, VA Medical Center, TN
Professor, Preventive Medicine, Medicine, and Physiology
University of Tennessee College of Medicine, TN

9:30 a.m.

Stroke Systems of Care: Networking City Mouse and Country Mouse

Diponio Room

This presentation will address different models for linking hospitals to maximize acute stroke treatment and describe different technologies to extend expertise.

Phillip Scott, MD, FAHA
Associate Professor, Department of Emergency Medicine,
University of Michigan Medical School



10:30 a.m. **Break with Exhibits**

Diponio Room

11:00 a.m. **CONCURRENT WORKSHOPS - Session A:**

Session A-1: **Difficult Decisions in Thrombolysis**

Room W210B

This presentation will identify the criteria for inclusion/exclusion for thrombolysis, identify aspects of treating patients with differing degrees of symptoms, discuss the approach to treating elderly patients with aggressive therapy for acute stroke, and describe the treatment of patients with seizure at onset of stroke symptoms.

Chris Lewandowski, MD
Program Director, Emergency Medicine Residency Program,
Henry Ford Health System

Session A-2: **Stroke and Migraine**

Room VT425

This presentation will describe the theory of migraine pathogenesis as it relates to the brain vasculature, discuss the epidemiological evidence showing the association of migraine and ischemic stroke, discuss the mechanisms by which migraine can be linked to stroke and how migraine treatment is impacted.

Gretchen Tietjen, MD
Professor, Chair, Department of Neurology,
University of Toledo College of Medicine, OH

Session A-3: **Reducing Secondary Injury in Stroke through Therapeutic Temperature Management**

Room VT460

This presentation will relate the pathophysiological impact of injury from stroke to the brain, identify key physiological and systemic effects of hypothermia and normothermia on the patient and translate the research to practice.

Mary Kay Bader, RN, MSN, CCRN, CNRN, Neuro CNS, ED/ICU
Neuroscience/Critical Care Clinical Nurse Specialist,
Mission Hospital Regional Medical Center, CA





Session A-4: **Pre-hospital Communication and Stroke Care**

Room VT455

This presentation will identify the current Emergency Medical Services system of communication and discuss the current challenges in emergent stroke care.

Steve McGraw, DO
Associate Chairman of Emergency Medicine,
Providence Hospital and Medical Centers

12:00 p.m. **Lunch**

Diponio Room

12:30 p.m. **Michigan Stroke Registry and Quality Improvement - Recognition Event**

Diponio Room

(See MiSRQUIP information on back page)

1:30 p.m. **CONCURRENT WORKSHOPS - Session B:**

Session B-5: **Taking Care of the Caregivers: Evidence for Telephone Web-based Support**

Room VT460

This presentation will describe the respective roles of the stroke care recipient and the stroke caregiver, discuss recent research evidence related to virtual support and education for caregivers and discuss the value of interventions for the stroke care recipient and the caregiver.

Linda Pierce, PhD, RN, CNS, CRRN, FAHA
Professor,
University of Toledo College of Nursing, OH

Session B-6: **Brain Plasticity**

Room VT425

This presentation will describe brain plasticity as it relates to stroke treatment, identify the concept of angiogenesis as it applies to stroke patients and discuss the concept of neurogenesis.

Zheng Gang Zhang, MD, PhD
Adjunct Professor, Department of Neurology, Wayne State University
Investigator, Department of Neurology, Henry Ford Hospital



Session B-7: **Sexuality and Intimacy Issues After Stroke**

Room VT455

This presentation will identify barriers health care professionals face when patients/partners experience sexuality issues, describe areas of intimacy/sexuality issues couples face after stroke and discuss different approaches to addressing intimacy topics.

Eileen Andreassi, MA, CTRS
Director, Recreational Therapy Department,
Helen Hayes Hospital, New York

Session B-8: **Spasticity in Stroke and Stroke Rehabilitation**

Room W210B

This presentation will discuss spasticity in the context of stroke recovery, identify how spasticity interferes with functional recovery after stroke and describe the number of treatment options available to a patient with spasticity due to stroke.

Jennifer Doble, MD
Internist, Associates in Physical Medicine and Rehabilitation
St. Joseph Mercy Hospital

2:30 p.m. **Break with Exhibits**

Diponio Room

2:45 p.m. **Concurrent Workshops - Session C**

Session C-9: **Regionalization of Emergency Care**

Room VT455

This presentation will define Regionalization of Emergency Care, discuss the importance of regionalizing emergency care to balance consistency with timely care of patients statewide, and describe time dependent conditions such as stroke that can benefit from a regionalization approach of getting the right patient to the right place at the right time.

Robin Shivley
Manager EMS and Trauma System Section,
Michigan Department of Community Health



Session C-10: **Changing Healthcare Provider Behavior – Case Study The INSTINCT Trial**

Room W210B

William Meurer, MD, MS
Assistant Professor, Emergency Medicine and Neurology,
University of Michigan Medical School

Session C-11: **Acute Care for Ischemic Stroke Patients: Nurses Make the Difference**

Room VT425

This presentation will describe a nursing plan of care that impacts patient outcomes across the continuum of care from the hyperacute through the acute phase.

Deborah Summers, MSN, APRN-BC, CNRN, CCRN
Saint Luke's Hospital, MO

Session C-12: **The Michigan Stroke Registry and Quality Improvement Project – What Have We Learned So Far?**

Room VT460

This presentation will describe the Michigan Stroke Registry and Quality Improvement and identify opportunities for quality improvement within the 10 acute stroke performance measurement indicators.

Stacey Roberts, RN, BSN, MS, CPHQ
MiSRQIP/Stroke Initiatives, Nurse Consultant,
Michigan Department of Community Health

3:45 p.m. **Break with Exhibits**

Diponio Room

4:00 p.m. **Concluding Remarks**

Diponio Room

Rochelle Hurst, BSN, MA
Manager, Cardiovascular Health, Nutrition and Physical Activity Section,
Michigan Department of Community Health



This conference is supported in part by Grant/Cooperative Agreement Number U50/DP000718-03 from the Centers for Disease Control and Prevention, Heart Disease and Stroke Prevention Program.

Thanks to our exhibitors for supporting the 2010 Michigan Stroke Conference:

- American Heart Association
- Boeringer-Engleheim
- Genentech
- InTouch Health
- Medivance
- Sanofi-Aventis
- The Advance Strategies Group
- University of Michigan, Asphasia Program

There is no commercial support for this event.

Exhibitors have been invited from various companies, agencies, and organizations. In no way have the exhibiting companies persuaded the educational content of the program. Approval status does not imply endorsement of any product by MPHI-CEPU, MDCH, ANCC, OBN or ONA of any products displayed in conjunction with an activity.



Michigan Stroke Conference 2010: Bridging the Gaps

DiPonio Room—500

Welcome
8:00-8:30

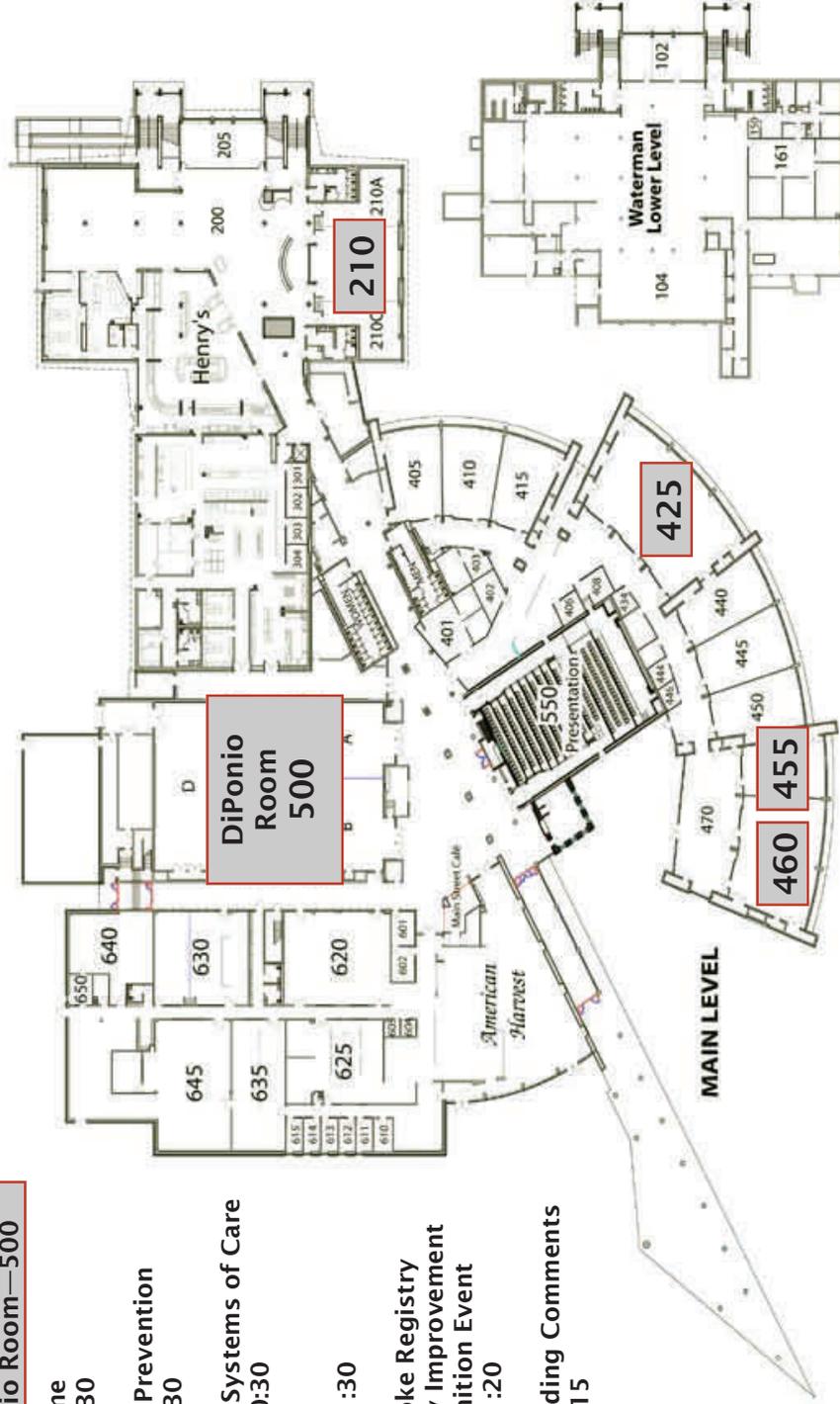
Stroke Prevention
8:30-9:30

Stroke Systems of Care
9:30-10:30

Lunch
12:00-1:30

MI Stroke Registry
Quality Improvement
Recognition Event
12:30-1:20

Concluding Comments
4:00-4:15



Morning Workshops: 11:00-12:00

Difficult Decisions in Thrombolysis	210
Stroke and Migraine	425
Pre-hospital Communication & Stroke Care	455
Therapeutic Temperature Management	460

Afternoon Workshops: 1:30-2:30

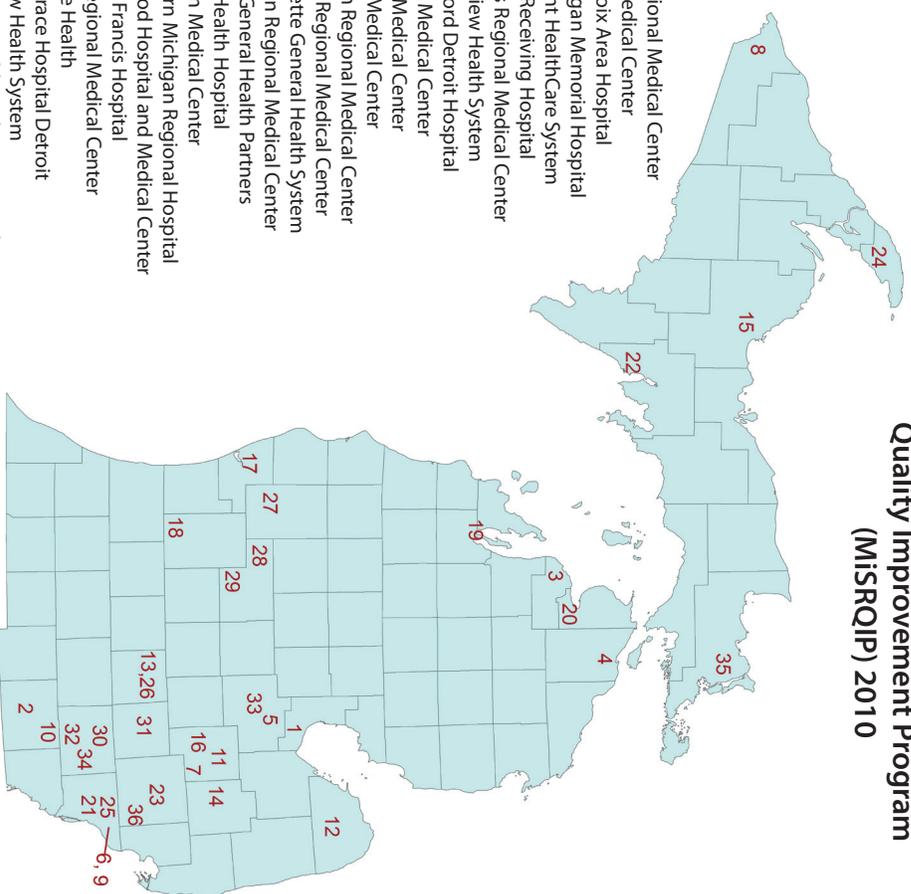
Spasticity in Stroke & Stroke Rehab	210
Brain Plasticity	425
Sexuality and Stroke Survivors	455
Stroke Caregivers	460

Afternoon Workshops: 2:45-3:45

Changing Healthcare Provider Behavior-Case Study	210
Acute Care for Ischemia in Stroke Patients	425
Regionalization of Emergency Care	455
MI Stroke Registry—What Have We Learned?	460

Michigan Stroke Registry and Quality Improvement Program

Michigan Stroke Registry Quality Improvement Program (MISROIP) 2010



1. Bay Regional Medical Center
2. Bixby Medical Center
3. Charlevoix Area Hospital
4. Cheboygan Memorial Hospital
5. Covenant HealthCare System
6. Detroit Receiving Hospital
7. Genesys Regional Medical Center
8. Grand View Health System
9. Henry Ford Detroit Hospital
10. Herrick Medical Center
11. Hurley Medical Center
12. Huron Medical Center
13. Ingham Regional Medical Center
14. Lapeer Regional Medical Center
15. Marquette General Health System
16. McLaren Regional Medical Center
17. Mercy General Health Partners
18. Metro Health Hospital
19. Munson Medical Center
20. Northern Michigan Regional Hospital
21. Oakwood Hospital and Medical Center
22. OSF St. Francis Hospital
23. POH Regional Medical Center
24. Portage Health
25. Sinai-Grace Hospital Detroit
26. Sparrow Health System
27. Spectrum Health Gerber Memorial
28. Spectrum Health Kelsey Hospital
29. Spectrum Health United Memorial
30. St. Joseph Mercy Ann Arbor
31. St. Joseph Mercy Livingston
32. St. Joseph Mercy Saline
33. St. Mary's of Michigan Saginaw
34. University of Michigan Health System
35. War Memorial Hospital
36. William Beaumont Hospital



In 2001 Congress charged the CDC with implementing state-based registries that measure and track acute stroke care. Named in honor of the late Senator Paul Coverdell of Georgia, who suffered a fatal stroke in 2000, the primary goal of the registry is to improve the care of acute stroke patients in the hospital setting.

There are six states currently participating in Paul Coverdell Acute Stroke Registry (GA, MA, MN, MI, NC, OH). Michigan began participating in this current five year phase of the registry in 2007.

The Mission of the Paul Coverdell National Acute Stroke Registry is to:

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