

# MASSACHUSETTS

Stroke Systems of Care Inventory

# Primordial & Primary Prevention

- Promotion of good nutrition and increasing physical through the Nutrition and Physical Activity Unit and the Partnership for Healthy Weight
- Women's Health Network, WISEWOMAN cardiovascular health screenings and lifestyle interventions
- Men's Health Partnership, cardiovascular health screenings
- High Blood Pressure educational materials
- Tobacco cessation emphasis on prevention on youth initiation of smoking.

# Community Education

- MDPH Stroke Heroes Act FAST educational and media campaign
  - English
  - Spanish
- American Stroke Association Ad Council educational and media campaign

# Notification & Response of EMS for Stroke

- Primary Stroke Service Point of Entry Plan
- EMS training on signs and symptoms of stroke
- Statewide availability of 9-1-1 interpreter services
- Emergency Medical Dispatch electronic data collection and quality assurance

# Acute Treatment for Stroke

- Primary Stroke Service designation
- Telemedicine grants to rural hospitals
- Paul Coverdell National Acute Stroke Registry and Get With The Guidelines–Stroke quality improvement program = SCORE
- The SCORE quality improvement initiative focuses on several acute care measures:
  - tPA considered
  - IV thrombolytic administration
  - Time from hospital arrival to IV thrombolytics
  - IV thrombolytic administration within 60 minutes of hospital arrival

# Subacute and Secondary Prevention for Stroke

The SCORE quality improvement initiative focuses on several subacute care and secondary prevention measures:

## SUBACUTE

- Dysphagia screening
- DVT prophylaxis
- Lipid profile
- Antiplatelets within 48 hours

## SECONDARY

- Smoking cessation
- Appropriate lipid altering therapy
- Atrial fibrillation patients receiving anticoagulation therapy antithrombotics at discharging
- Diabetes meds at discharge
- Stroke education
- BMI counseling

# Rehabilitation of Stroke Patients

- ASA Care giver and survivor forums across the state
- Rehab and recovery committee

# Continuous Quality Improvement Initiatives

- Paul Coverdell National Acute Stroke Registry and quality improvement collaborative
- Get With The Guidelines-Stroke quality improvement program
- SCORE

# Summary and Future Direction

- Strong start along the continuum of stroke care
- Future directions include:
  - Increasing physical activity through community planning
  - Controlling high blood pressure in individuals at highest risk (co-morbidities)
  - Expanding Stroke Heroes Act FAST education and media campaign
  - Expanding and improving SCORE collaborative
  - ASA Tedy's Team raising awareness of warning signs