MUSC Health
Comprehensive Stroke & Cerebrovascular Center

**TWO TYPES OF STROKE**
Stoke, also known as cerebrovascular accident, transient ischemic attack or brain attack, is when blood flow to the brain is disrupted.

**Ischemic**
Ischemic stroke is due to lack of blood flow to the brain. This results from a vessel being greatly narrowed or blocked. With decreased blood flow the brain cells can eventually die.

**Hemorrhagic**
Hemorrhagic stroke is due to a rupture in blood vessels supplying the brain. Bleeding in the brain can cause pressure and damage to brain cells.

**COMPREHENSIVE STROKE CENTER CERTIFICATION**
The first Joint Commission certified Comprehensive Stroke Center in South Carolina.

All access care with specialized medical teams committed to stroke care

Advanced treatment capabilities

Dedicated Neuro ICU

**TIME IS BRAIN**

**Time to Treatment**
Experts perform specialized procedures to restore blood flow to the arteries that supply blood to the brain. They also provide clot-busting medicines, such as IV tissue plasminogen activator (tPA), which can improve blood flow to the brain and may improve the chances of recovering from a stroke.

Time to Doctor
When a patient arrives with symptoms of a stroke, MUSC Health neurologists and other members of our stroke team receive an emergency alert.

Time to Scan
A CT Scanner is used to take pictures of a patient’s brain at different angles. These pictures of the brain are used to make an image that will help doctors identify the type or location of a stroke.

MUSC Health exceeds the national benchmark in all these areas.

**RESEARCH & TELERSTONE**

Our research leads the way for cutting edge stroke treatment, prevention and rehabilitation.

40 on-going research studies with more than 1,300 participants

20 Telestroke sites
MUSC Health Telestroke collaborates with more than 20 community hospitals to provide expert stroke care across the state.