

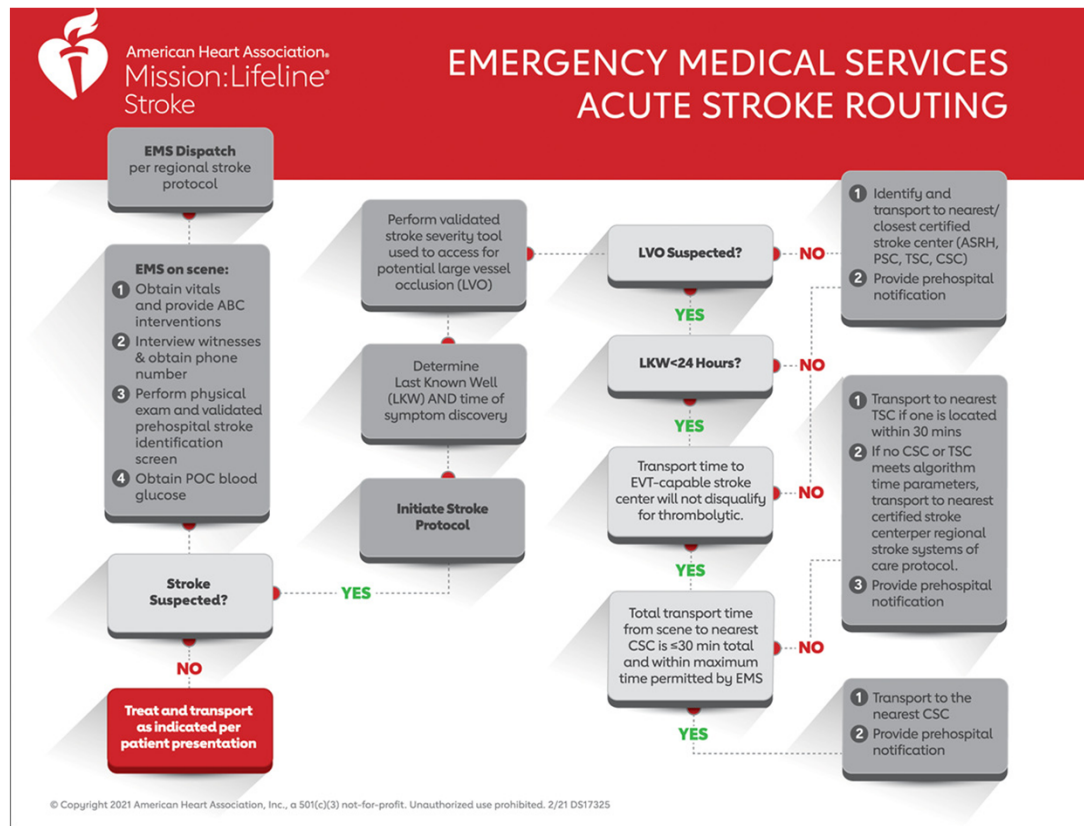


Complex Transport Decision Making in the Pre- Hospital Setting

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FINANCIAL DISCLOSURE:
No relevant financial relationship exists

Transport Decision



Sudden onset left upper extremity weakness, left lower extremity flaccidity, left facial droop, and slurred speech

1725

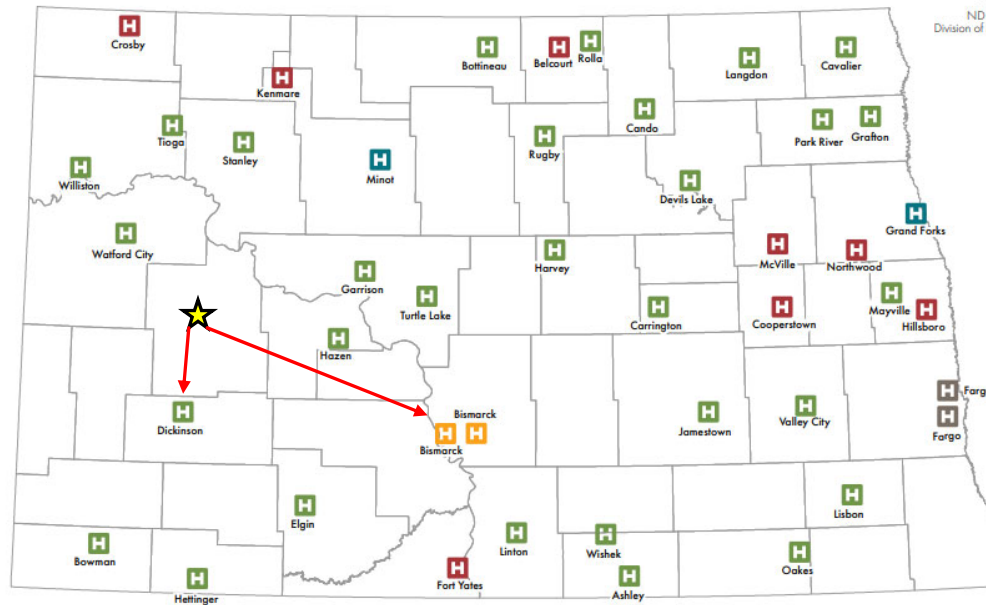
1630

Fixed wing aircraft arrives

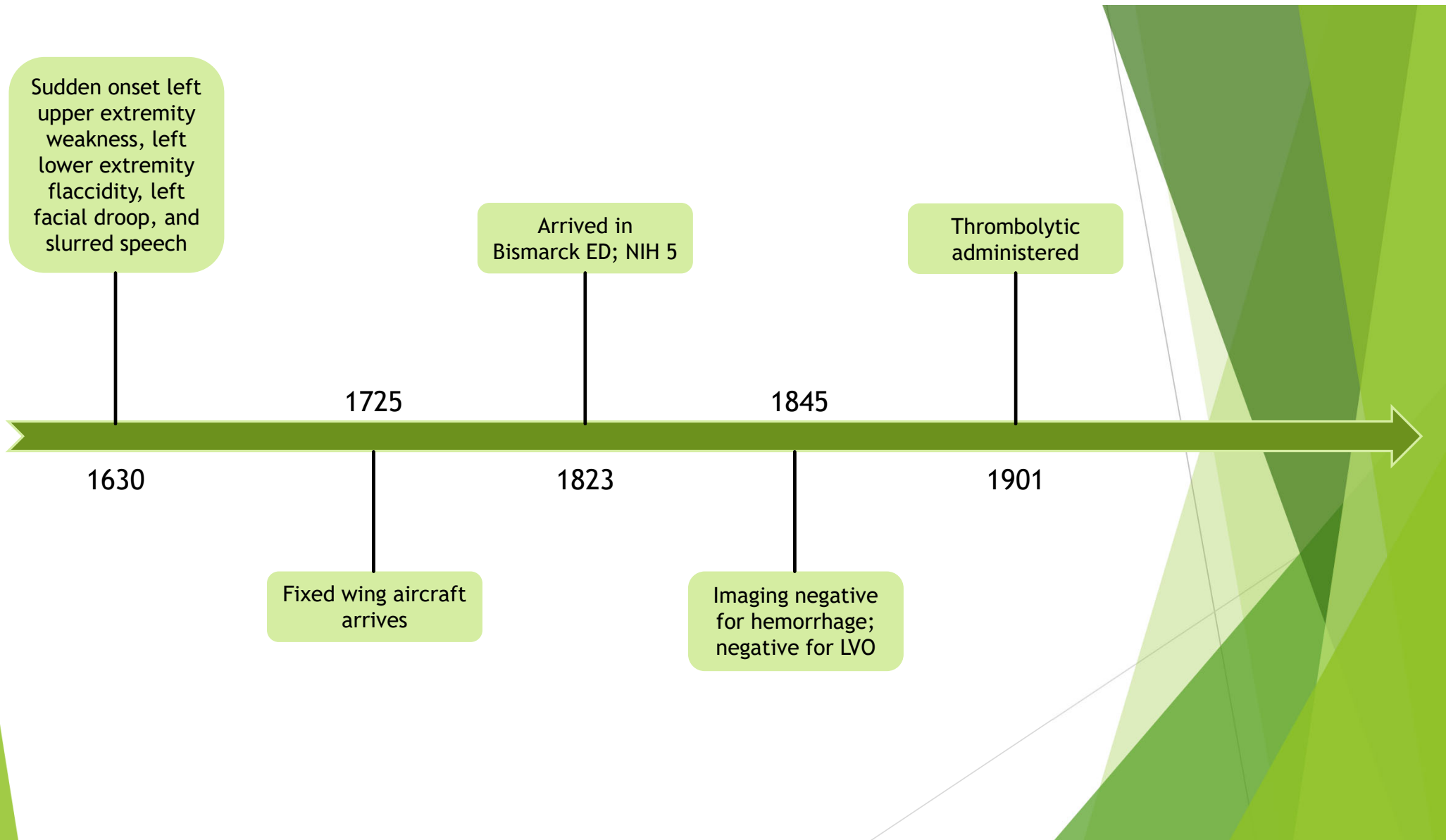
Transport Times from Scene:
Dickinson- Approx. 30-40 min
Bismarck-Approx. 40 min

North Dakota Stroke Centers

NORTH Dakota | Health
Be Legendary.™
ND Department of Health
Division of Emergency Medical Systems
January 2021
CKB/PCT



- H Comprehensive Stroke Center** - Developed by The Joint Commission (TJC) & American Heart Association/American Stroke Association (AHA/ASA). Highest level of stroke care; in addition to all services provided at a Primary Stroke Center: advanced imaging (CTA, MRA); 24/7 availability of neurosurgical services including ability to clip & coil aneurysms; ability to meet concurrently emerging needs of multiple complex stroke patients; participate in IRB research; increased education requirements for staff.
- H Thrombectomy Capable Stroke Center** - Accredited by The Joint Commission. In addition to meeting all requirements for a Primary Stroke Center: minimum mechanical thrombectomy volume requirement; ability to perform mechanical thrombectomy 24/7; dedicated intensive care unit beds to care for acute ischemic stroke patients; availability of staff and practitioners closely aligned with CSC expectations; a process to collect and review data regarding adverse patient outcomes following mechanical thrombectomy.
- H Primary Plus Stroke Center** - Accredited by DNV. In addition to meeting all requirements for a Primary Stroke Center: endovascular therapy 24/7; same as TCSC but accredited by DNV (and not TJC).
- H Primary Stroke Center** - Accredited by The Joint Commission. Has all the ASRH capabilities plus: acute stroke team available 24/7; access to a neurologist 24/7 in person or via telemedicine; designated stroke beds; ability to provide IV thrombolytics.
- H Acute Stroke Ready Hospital** - Designated by the State of North Dakota. Ability to perform rapid assessment, head CT, labs and administer intravenous thrombolytic therapy prior to transferring patient to a PSC or CSC.
- H No Stroke Designation**



Discharge

- ▶ MRI: Distal right ACA infarct
- ▶ Discharge Hospital Day 4
- ▶ NIH: 0
- ▶ mRS: 1

