

TELESTROKE: STAYING RELEVANT IN A COMPETITIVE MARKET

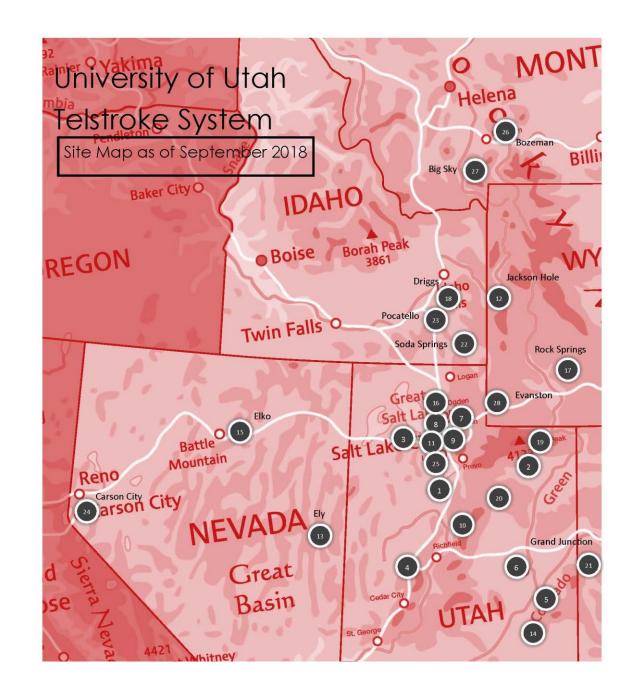
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DISCLOSURES

 No presenter or team member has a financial disclosure or conflict of interest

HISTORY OF THE UUH TELESTROKE PROGRAM

- Began in 2003 with Central Valley Medical Center
- Network now spans 6 states and 26 (2 pending) spokes
 One of the largest spanning networks in the US
- 8 attending providers and 2 fellows taking 24/7 call
- Provided tPA to 53% of Acute stroke cases in 2017



Market Demand

- Market Demand
- Program Quality

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- Program Offerings

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- Program Offerings
- Site Engagement

QUALITY INITIATIVES

- Monthly Calls (2015)
- Quality Tracking Program (2015)
- Monthly/Quarterly Metric Reporting and Benchmarking (2015)

Metric	Goal				
Door to CT	15 min				
Door to Call	15 min				
Door to Camera	15 min				
Call to Camera	30 min				
Door to Bolus	60 min				
DIDO	75 min				

QUALITY IMPROVEMENT PROJECTS

- Door-in-Door-Out
 - Critical metric associated with clinical outcomes
 - State-wide effort led by State
 Stroke task force
 - UUH results submitted to ISC 2019 - decreased times 192 min to 90 min in the targeted group



Tips and Tricks for Improving your Door-In-Door-Out Times (DIDO)

University of Utah Health's, TeleStroke program is launching a new quality improvement initiative. This latest improvement effort will be on improving Door-In-Door-Out times (the time from arrival at a primary stroke center or stroke receiving facility to transfer for higher level of care). There is now overwhelming evidence that endovascular treatment is effective up to 24 hours. Timely, efficient treatment, and transfer continues to be important for patients who present at a primary stroke center, or stroke receiving facility.

What you can do:

- Empower staff to initiate TeleStroke earlier in the process.
- Immediately send the non-contrast head CT.
 No need to wait for a full Radiology read.
- Implement use of a Large Vessel Screening Scale by nursing at triage.
- Activate EMS/ flight team as soon as a decision for tPA or transfer is made.

What we are doing:

- Quicker identification and initiation for tPA administration on eligible patients.
- Internally improving transfer protocols and wait times for transfer patients.

If you have any further questions or ideas, please contact: Jaleen Smith, TeleStroke Coordinator Jaleen.smith@hsc.utah.edu 801-585-1586

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Angeliqua Pochert, QI Coordinator Angeliqua.pochert@hsc.utah.edu 801-587-9935

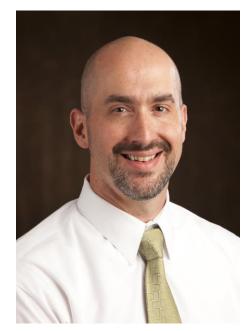
ADDITIONAL PROGRAM OFFERINGS

- Dedicated Staff
- Project ECHO, Stroke Case Review
- Educational Opportunities and Training
- Online Training

PHYSICIAN LIAISONS, DEDICATED STAFF



Dr. Jennifer Majersik
Associate Professor of Neurology,
TeleStroke Program Director
Nevada, and Select Utah and
Wyoming Sites



Dr. Peter Hannon Assistant Professor of Neurology, Nevada and Select Utah and Montana, Southern and Central Utah Sites



Dr. Lee Chung Assistant Professor of Neurology, Idaho and Select Utah and Wyoming Sites



Jaleen Smith
TeleStroke Coordinator
All Sites

PROJECT ECHO, STROKE CASE REVIEW









LEE S CHUNG, MD & PETER M HANNON, MD **FEBRUARY 22, 2018**



FREE TO JOIN! EMAIL JALEEN.SMITH@HSC.UTAH.EDU

PLEASE JOIN US FOR

EXTENSION FOR COMMUNITY HEALTHCARE OUTCOMES

Thursday, February 22nd 12:00-1:00PM MST

"SHORT CIRCUIT:" TELESTROKE CONSULTATION
PRESENTED BY DR. PETER HANNON, MD

AND DR. LEE CHUNG, MD

Our Comprehensive Stroke Center, with Project ECHO, has created a live, interactive video con-

ference to highlight the latest stroke advances through regional case review

This is an easy and FREE way for your facility's staff and physicians to earn Continuing Education credits over a lunch hour!

TO SIGN UP AND FOR MORE INFORMATION, PLEASE CONTACT **OUR TELESTROKE** COORDINATOR TODAY! Jaleen Smith

801-585-1586

Jaleen.smith@hsc.utah.edu

Disclosure: Neither the speaker(s), planner(s), nor anyone in control of content for Stroke Case Conference have any financia AMA Credit: The University of Utah School of Medicine designates this Live activity for a maximum of **1.0 AMA PRA Category 1**

(ACCME) to provide continuing medical education for physicians.

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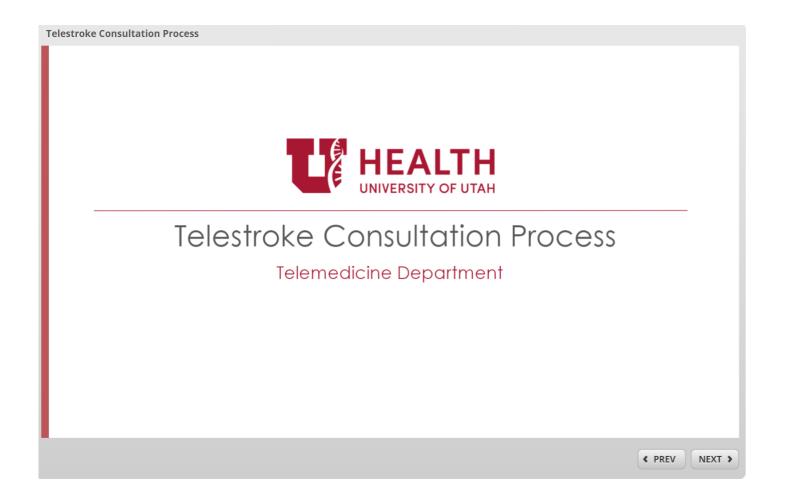
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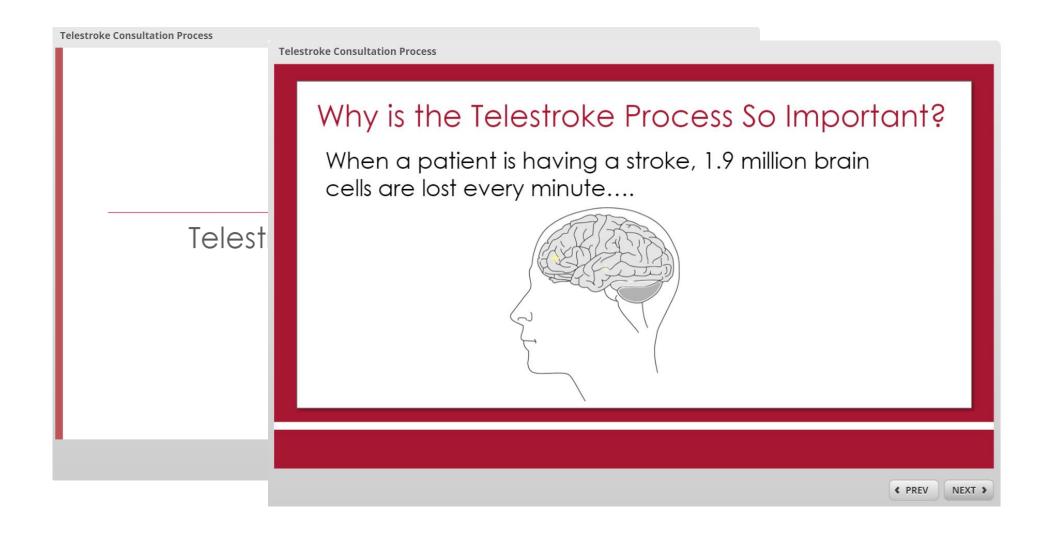
OTHER EDUCATIONAL OPPORTUNITIES



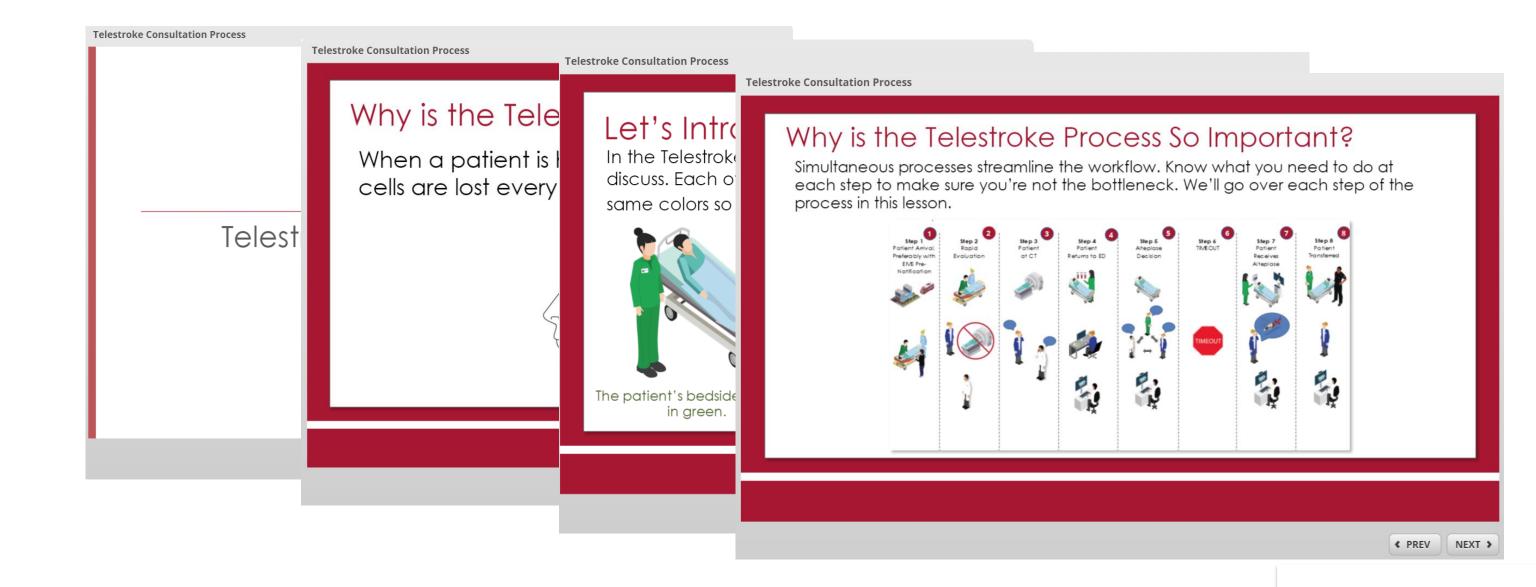














NEXT MODULE!

SITE ENGAGEMENT







Below, your metrics for the entire year of 2017 are listed as well as the network average. I want to thank each and every one of you for helping us ontinue to gather these every month and for working to improve your acute care times. We lowered our average door to tPA time by 10 minutes in 2017! With continued effort in 2018, we are hoping our network can reach the national standard of DTN in under 60 minutes! Please also, don't hesitate to

Network Summary	Door to CT	Door to Call	Door to Camera	Call to Camera	Call to Camera Door to tPA		
Average	14 min	36 min	48 min	12 min	73 min	149 min	

Month	Door to CT	Door to Call	Door to Camera	Call to Camera	Door to tPA	Door In Door Out	Month	Door to CT	Door to Call	Door to Camera	Call to Camera	Do †PA
Jan							Jul					
Feb							Aug					
Mar							Sep					
Apr							Oct					Γ
May							Nov					
Jun							Dec					





UPCOMING EVENTS:

May 3rd, 12:00 PM Title TBD

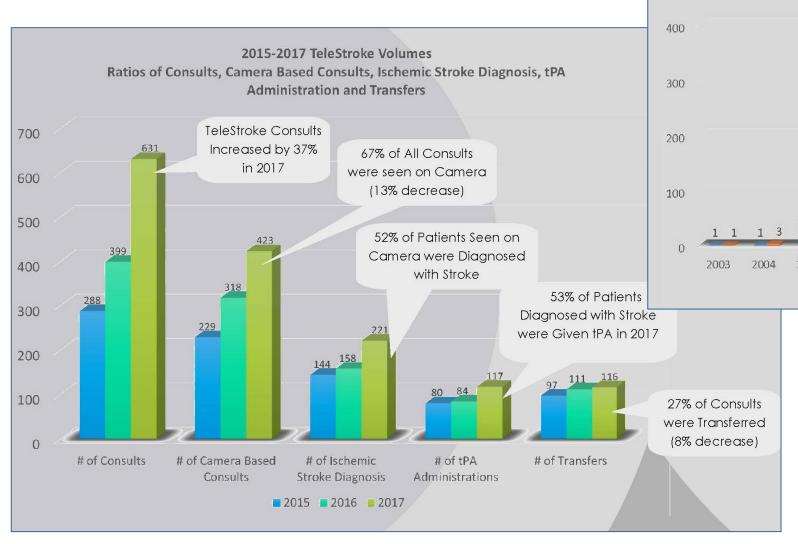
Elaine J. Skalabrin Stroke Symposium May 18th, 7:00AM-2:00PM Marriott City Center, SLC, UT

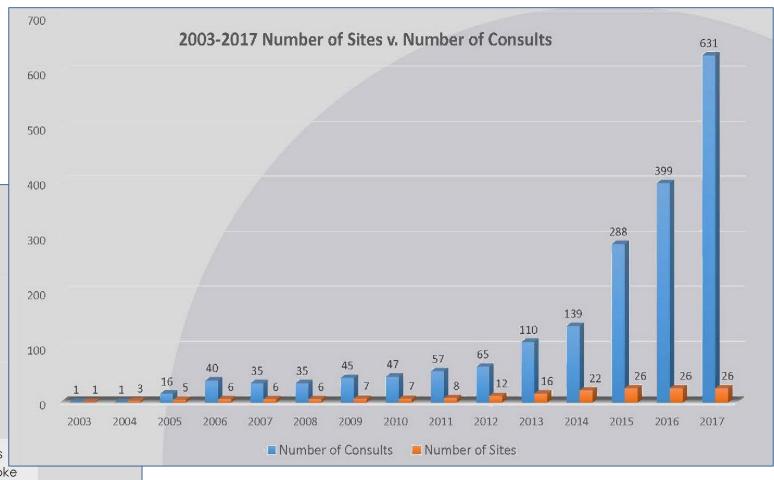


CONGRATULATIONS TO BOZEMAN HEALTH For being our door to nampions this quarter with an average of 44 minutes for the month of January!

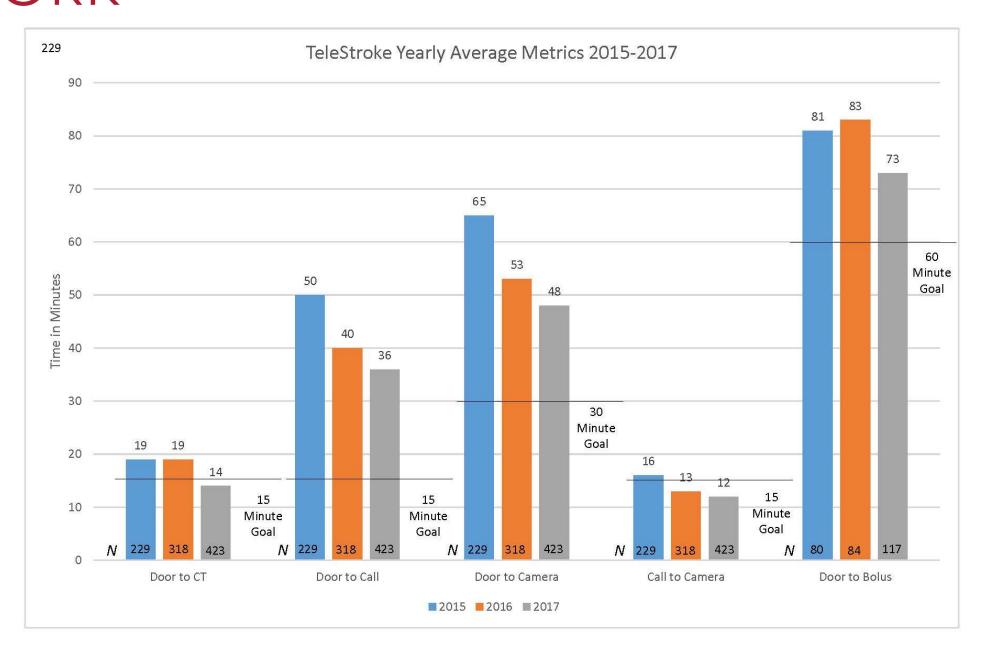
GROWTH AND IMPROVEMENT WITHIN OUR

NETWORK





GROWTH AND IMPROVEMENT WITHIN OUR NETWORK



FUTURE WAYS TO ENHANCE YOUR TELESTROKE OFFERINGS

- Medical Directorship, Supporting Stroke Designation
- Building relations with 3rd party CSC
- Supporting enhanced image capabilities
- Expanding services

THANK YOU