

Strategies for Development of a Health Care Network Dialysis Access Program

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NO DISCLOSURES

When it comes to dialysis access, even the best minds need a little help...

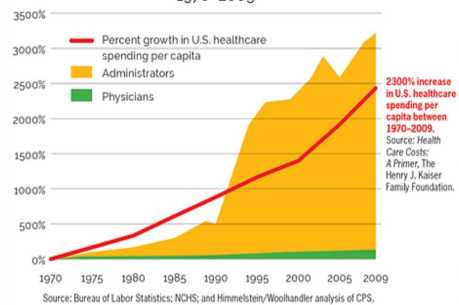


Why Haven't They Done It? Because They Can't!



IS IT MISSION IMPOSSIBLE?

Growth of Physicians and Administrators 1970-2009



13 Point System That Works

The Decisive Leader

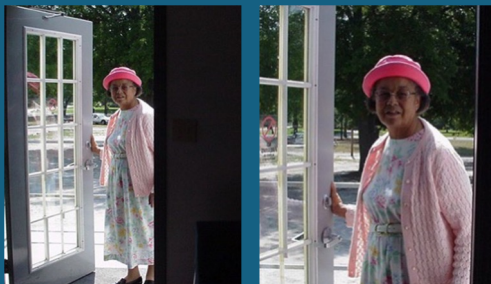
The essential role of a single, decisive leader to streamline decision-making.

From a Double Wide Trailer to a Beautiful Building:
Our Mission Remains the Same



Patient Journey Begins

Patient Enters the Access Center
(Double Wide Trailer)



Patient Involvement

- Patients are encouraged to actively participate by identifying their graft access.
- Training patients to recognize symptoms or signs of clotting to ensure timely intervention.




Patient Educator's Role

Patient educators meet with patients to provide essential information about dialysis procedures, address potential risks, and discuss necessary aftercare.



Access Endovascular Suite


- Screen, Site Rite, and ECG are in direct view.
- C-arm has range of motion from neck to abdomen.



Streamlined Procedures

Aim for procedures to take 15-20 minutes.


Next Surgery Planned?



The Dialysis Access Return Time (DART) Goal

Immediate Access: Patients should leave the center with functioning dialysis access.

Reduced Delays: Minimize wait times and disruptions to dialysis treatment.



Public Transportation

- Patients and Families Sleep in **Hotels**

Scheduled Transportation

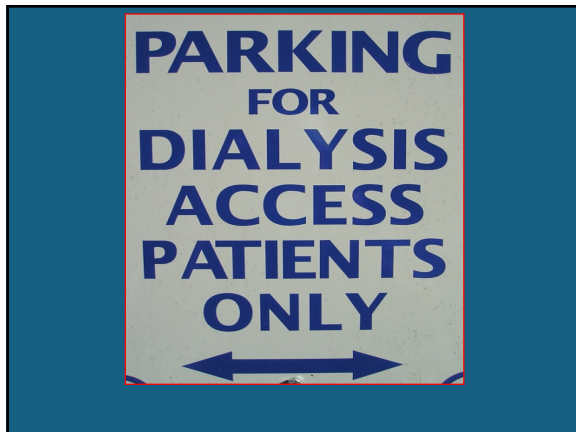
- 11 Patients per Day

SEND THE PATIENTS!

Transportation Services

- Patients & Families Sleep in Hospital! (Hotels Now)
- 200 Mile Range
- Compliments of The National Kidney Foundation

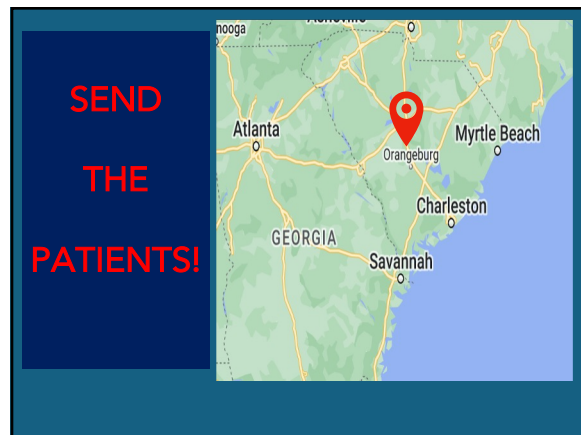




The Importance of Scheduling

Plan 6-8 surgical accesses and 10-15 endovascular procedures per day.

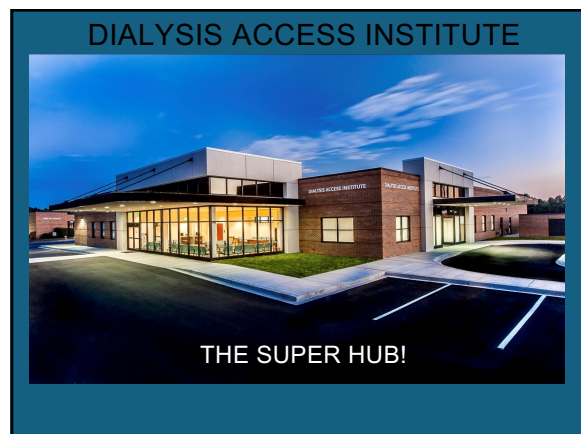
SEND THE PATIENTS!





Assembling a Skilled Team

- Anesthesiologists
- Scrub techs
- X-ray techs
- RNs

OPERATING ROOM



DIALYSIS ACCESS INSTITUTE





Dialysis Access Institute

- 16,000 square foot facility
- 6 Pre-op stations
- 6 post-op stations
- 6 Operating/procedure suites (5 of which have live video streaming capabilities)
- Digital radiology equipment
- Hemodynamic monitors in each room
- Spacious, comfortable waiting room
- Covered canopies at both patient drop-off and ambulance entrance
- Total emergency back-up power throughout the facility

PATIENTS COMING FOR SURGERY

200 MILES




GOAL=LEAVING WITH RUNNING BLOOD ACCESS

HUB AND SPOKE DEVELOPMENT

PROGRAM OUTLINE

DAI HUB & SPOKES



Centrally Located
(Off of Exit 145 on I-26 and 24 miles from I-95)

HUB LOCATION IN DEVELOPMENT
University Medical Center


SERVICE LINE



13 Point System That Works?

Impact of Program in Hospital Service Line

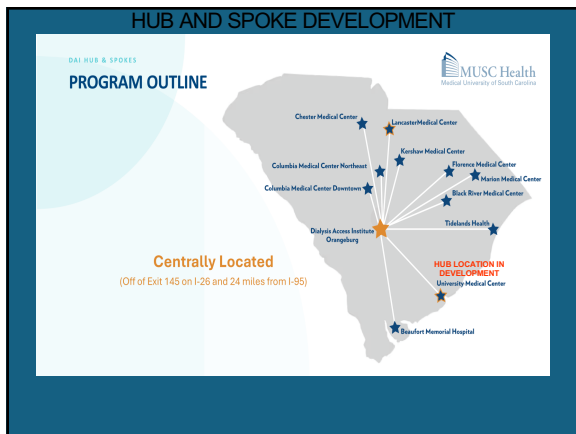
- **Reducing Access-Related Complications:** Fewer infections, thrombosis, and lower hospitalization rates
- **Quality of Care Improvements:** Better patient outcomes, reduced readmission rates, and increased survival rates
- **Multidisciplinary Approach:** Teams of nephrologists, surgeons, nurses, dietitians, and social workers



DAI PROFIT (COVID YEARS)



\$5.5 – \$7.9 MILLION



Be Decisive... Right or Wrong, Make a Decision.

"The Road of Life is Paved with Flat Squirrels Who Couldn't Make a Decision."