



Vidant Health/Duke Endowment Telepsychiatry Project

Sheila Davies, MPA
Project Director
Albemarle Hospital Foundation
sdavies@albemarlehealth.org
(252)384-4646



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Vidant Health/DE Telepsychiatry Project

The Albemarle Hospital Foundation received a grant from the Duke Endowment (DE) to implement telepsychiatry in the Vidant Health Hospital Emergency Departments.



Project Goals

- Reduce patient lengths of stay (reduce psych holds to less than 48 hrs.)
- Reduce number of Involuntary Commitments (IVC) by eliminating unnecessary admissions
- Improve patient transition to aftercare
- Increase efficiency and reduce costs



Telepsychiatry

Telepsychiatry is the use of two-way real time-interactive audio and video, run on a secure network with encryption, meeting all confidentiality standards, between places of lesser and greater psychiatric expertise to provide and support psychiatric care. This is especially useful in rural areas where access to specialty care is limited or non-existent.



Project Partners

- The Albemarle Hospital Foundation
- Vidant Health
- ECU, Brody School of Medicine Psychiatry Department and MTS Department
- Coastal Carolina Neuropsychiatric Center
- Local Management Entities (LME)
- Area outpatient behavioral health providers

Project Model

Modeled After
Successful Duke
Funded Statewide
Telepsychiatry Project
with South Carolina's
Department of
Behavioral Health

Telepsychiatry



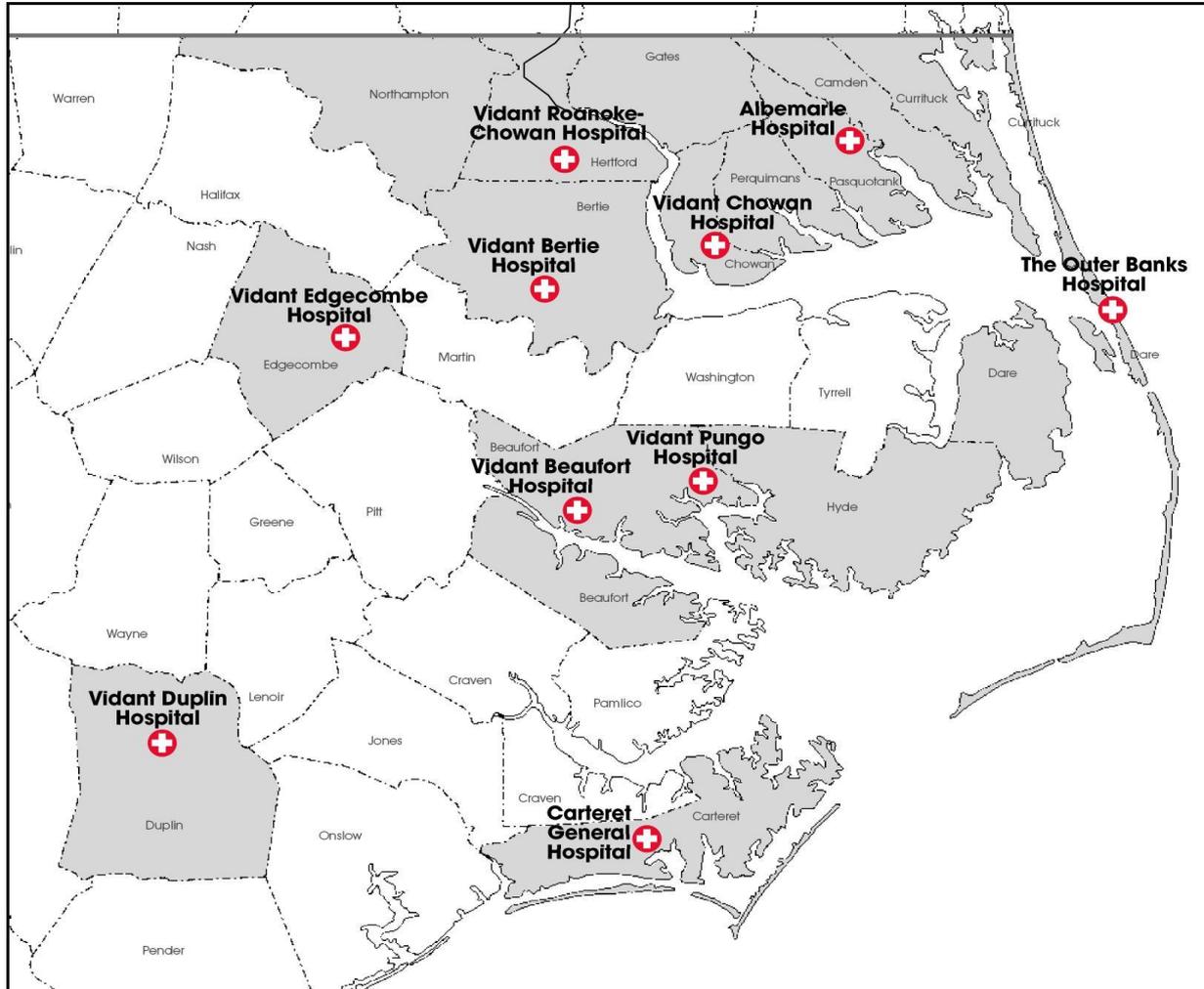
- Telepsychiatry services now available in 9 Vidant Health hospitals (ED and inpatient) and one non-Vidant Health hospital
- Services are available 7 days a week from 8 am – 6 pm.



Participating Hospitals

- Albemarle – Elizabeth City
- Vidant Bertie - Windsor
- Vidant Chowan - Edenton
- Vidant Duplin - Kenansville
- Vidant Edgecombe - Tarboro
- Vidant Roanoke Chowan - Ahoskie
- Outer Banks – Nags Head
- Vidant Pungo - Bellhaven
- Vidant Beaufort - Washington
- Carteret County General – Morehead City

Map



Project Outcome

- **Total Assessments through June 2012 = 1,513**
- Albemarle – May 2, 2011 (667) 39% IVCs overturned (123 of 317)
- Chowan – September 9, 2011 (107) 50% IVCs overturned (9 of 18)
- Bertie – September 9, 2011 (69) 29% IVCs overturned (13 of 45)
- Edgecombe – October 10, 2011 (54) 38% IVCs overturned (9 of 24)
- Duplin – October 15, 2011 (416)
- RCH– September 25, 2011 (4) 100% IVC overturned (1 of 1)
- Outer Banks – October 25, 2011 (196) 14% IVCs overturned (13 of 95)

Overall IVC overturn percent = 168 of 500 = 33.6%

- Average Length of Stay = 22.5 hours

Patient Satisfaction - Albemarle

3. Patient's Experience with Telemedicine/Telepsychiatry.

a) Were you comfortable with the telepsychiatry services you received on this visit?

Yes 81.2% (82) **No** 11.9% (12) **Not Sure** 6.9% (7)

b) Do you feel the services were helpful?

Yes 86.1% (87) **No** 9.9% (10) **Not Sure** 4.0% (4)

c) Did you have a good experience?

Yes 86.1% (87) **No** 8.9% (9) **Not Sure** 5.0% (5)

(answered question 101; skipped question 82)



Project Sustainability

- Payer reimbursement for Provider fees– 90801GT and 90862GT
 - MC/MD/Tricare/BCBS
- Payer reimbursement for facility fee – Q3014GT
- IPRS with LME (TBD)
- Hospital subscription fees

Ancillary Financial Impact

Payer Source	Percentage
Self Pay	45
Medicare	19
Medicaid	17
Tricare	4
Other	15

Ancillary Financial Impact (cont.)

Law Enforcement

- Overturned IVCs save in man hours, travel time and fuel
- Pasquotank averages 10.9 hrs per trip (include travel and hospital time) @ \$26.60/hour = \$289.94 per trip
 - Ex. 76 overturned IVCs @ \$289.94 = \$22,035.44 not including fuel or overtime (if applicable)



Questions???