

# CORAZON

## **Tim Shephard, RN, CNRN, CNS, PhD**

Medical Advisor

### **Career Summary**



Dr. Shephard began his career in healthcare over 30 years ago, and his experience within the neuroscience specialty is a huge asset to the Corazon team. He is a nationally recognized authority in neuroscience, with particular expertise in the area of stroke systems of care. With Dr. Shephard's vast knowledge and diverse expertise, Corazon is able to assist hospitals with achieving "best practice" solutions in the full spectrum of neuroscience care.

### **Clinical Consulting**

**Corazon, Inc.**

**2010 - Present**

**Medical Advisor**

Provides consultation to hospitals and health systems across the country for the implementation or development of stand-alone or hospital-based neuroscience programs. Interacts with physicians at client sites on a peer-to-peer basis. Participates in site visits to present to Boards, hospital leadership, and/or internal and external stakeholders on the clinical, operational, and financial aspects of best practice neuroscience services. Provides expertise and opinions on procedures and commentary about current industry trends, medical advances, and new technology in his area of specialty.

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## Professional Experience

**Executive Director, Neuroscience**  
**Baptist Health Louisville**

**May 2022 – Present**

**Executive Sponsor, Neuroscience**  
**Baptist Health System, KY & IN**

**May 2022 – Present**

Strategic and financial planning, and systems integration for multi-campus operations. Responsible for fiscal, clinical outcomes, and growth/management of all neuroscience-related programs in acute and emergency facilities. Includes neurology, neurosurgery, neuro-interventional and neuropsychology, Stroke Center Network, tele-neurology, sub-specialty neurology development, and neurophysiology department services. Added system responsibility for neuroscience service line development.

**VP, East Division, Neuroscience Service Line**  
**Prospect Medical Holdings**

**July 2021 – February 2022**

Accountable for strategy, business development & operations in all aspects of neuroscience services across multi-state, multi-campus health systems. Responsible for fiscal & clinical outcomes and growth/management of all neuroscience-employed & aligned physician practices, inclusive of large, multi-state co-management contracts.

**VP, Neuroscience Service Line**  
**Mount Carmel Health System**

**November 2016 – May 2020**

Strategic and financial planning, and systems integration for multi-campus operations. Responsible for fiscal, and clinical outcomes and growth/management of all neuroscience physician practices and related programs in 6 acute and emergency facilities. Includes neurology, neurosurgery, neurointerventional, and neuropsychology: Stroke Center Network (comprehensive (CSC), primary (PSC) and acute ready (ASRH) stroke centers), tele-neurology, sub-specialty neurology development, and neuro-physiology services.

- System implementation of tele-neurology
- Tripled neurology department to 20 providers
- >+3% market share shift for neurology and neurosurgery
- Implemented certified epilepsy center, MS center, and neuropsychology services.

**Administrative Coordinator, INR**  
**Dept. of Radiology, University of Virginia**

**April 2015 – November 2016**

Clinical & operational management of Interventional Neuroradiology services inclusive of; full process analysis/performance improvement, departmental consultant on CSC certification, marketing, and service contracting. Management of technical and nursing staff, in collaboration with neuroradiology and neurosurgical physician providers.

**VP, Neurology**  
**Specialist On Call, Inc.**

**January 2014 – August 2014**

As part of the executive leadership team for a multi-specialty telemedicine firm: responsible for the expansion, development of new services, and implementation of infrastructure to sustain the clinical and business operations of a

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rapidly growing, national telemedicine provider.

- Recruited/on-boarded over 50 additional neurologists for tele-neurology services across 36 states

## **VP of Neurosciences**

### **Bon Secours Virginia Health System**

**July 2009 – January 2014**

Total operational control and oversight for a 10-campus business unit.

- Strategic and financial planning, systems integration, programmatic design, fiscal and clinical outcomes, and professional management of all neuroscience and related programs in each of the 10 acute care facilities, 2 free-standing EDs, and multiple neuroscience physician practices.
- Designed and developed a Neuroscience Institute concept within the Bon Secours Virginia Health System; recruitment, employment, and alignment of physician groups; contracting, co-management agreements and business case development.

## **Administrative Director of Neurosciences**

### **Bon Secours Richmond**

**January 2008 – July 2009**

Responsible for business case development, budgeting, marketing, clinical and fiscal performance dashboards and market share growth for neurology, neurosurgery, and neuro-interventional services.

- De novo establishment of neuroscience service line for Richmond system.

## **Neuroscience CNS Stroke Coordinator**

### **Bon Secours Richmond Health System**

**February 2003 – January 2008**

Establish a state-of-the-science stroke system based on research and established national guidelines. Responsible for developing & achieving targeted clinical performance measures specific to neuroscience utilizing rapid cycle and research methodology.

## **DSC Reviewer (Stroke Centers/PSC & CSC)**

### **The Joint Commission**

**August 2006 – March 2013**

As an employee of the Joint Commission for Accreditation of Healthcare Organizations (JCAHO), responsible for the onsite review of single and multi-site hospital systems seeking TJC Certification as a Primary or Comprehensive Stroke Center. Responsible for evaluating hospital systems for compliance/ adherence to national standards of care, national patient safety goals, and TJC criteria for certification.

## **Grant Experience**

Collaboration on HRSA grant (EQUIT-e; 3 years: \$400k annual) to study the impact of telemedicine on acute stroke care in rural systems. In collaboration with the University of Virginia, Department of Neurology & Telemedicine and Specialists

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On Call. PI: Dr. Nina Solenski; submission June 16, 2014: Grant Awarded (September 2014) and in progress.

## Board Certification

Registered Nurse	Commonwealth of Virginia #0001114388
Licensed Nurse Practitioner	Commonwealth of Virginia #0024181995
Clinical Nurse Specialist	Commonwealth of Virginia #0015000411
Stroke Certified Registered Nurse	ABNN SCR N #00013984

## Education

<b>Virginia Commonwealth University</b> <b>Richmond, VA</b> Doctor of Philosophy Nursing, PhD Focus: Applied research in healthcare systems	<b>2005</b>
<b>University of Virginia</b> <b>Charlottesville, VA</b> Master of Science Nursing, MSN Focus: Critical care, clinical nurse specialist	<b>1995</b>
<b>Valparaiso University</b> <b>Valparaiso, IN</b> Nursing, BSN	<b>1986</b>
<b>United States Navy, Honorable Discharge</b> <b>Electronics Technician</b>	<b>1982</b>

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## Past Notable Professional Presentations

Solenski N, Southerland A, Shephard T, McMurry T, Hillman D Lawrence N, Faber T, Sharp M, Wibberly K, (April 2016) Improving Telestroke Performance in Rural Systems of Care: The EQUITE Initiative. Academy of Neurology Annual Conference, Vancouver, BC

Solenski N, Southerland A, Shephard T, McMurry T, Hillman D Lawrence N, Faber T, Sharp M, Wibberly K, (February 2016) The EQUITE Telestroke Study. International Stroke Conference oral presentation, Los Angeles CA

Shephard TJ & Peterson J, (June 2014) Nationwide stroke systems of care: Tele-Neurology networks on a larger scale. 3rd Annual Comprehensive Stroke Care Summit, Chicago IL

Shephard TJ: (February 2014) Integrating telemedicine within the service line model. American Academy of Medical Administrators National Summit, Las Vegas NV

Lane P, Baul TM, Brander T, Norman T, Pinna K, Shephard TJ & Smith JA, (April 2013) Listen & Learn: Your electronic medical record leading neuroscience nurses to automatic data abstraction. American Association of Neuroscience Nurses Annual Meeting, Charlotte NC

Pinna K, Baul TM, Brander T, Lane P, Norman, T, Shephard TJ & Smith JA, (April 2013) The Stroke Unit Champion Model. American Association of Neuroscience Nurses Annual Meeting, Charlotte NC

Shephard TJ & Smith JA (February 2013) Outcome Management: Beyond Process Measures. International Stroke Conference, Honolulu, Hawaii

Shephard TJ (November 2012) Market Demand & Strategy for Developing a Neuroscience Service Line. American Association of Medical Administrators annual meeting, San Antonio TX

Shephard TJ, (June 2012). The Joint Commission; 4-hour workshop on the design, development and certification of primary stroke centers, Chicago, IL

Shephard TJ (November 2008). Enhancing communication between multi-disciplinary practitioners. Invited Speaker for **National Public Health Summit** on Stroke, National Stroke Association. Denver, CO

Judith A. Hinchey, MD, **Timothy Shephard, PhD, RN**, Richard Herman, MD, MS, Harry Selker, MD, MS, & David Kent, MD, MD. (May 2007) A multi-faceted intervention to improve stroke care: The Stroke Practice Improvement Network. 8th Scientific Forum on Quality of Care & Outcomes Research in Cardiovascular Disease and Stroke, Washington, DC

Shephard TJ, Kovach AM, Hale K, & Miller A (April 2007) STAND (Screening Tool for Acute Neurological Dysphagia) study results. American Association of Neuroscience Nurses Annual Meeting, San Diego, CA.

Shephard TJ (February 2007). Dysphagia update: Evidence and Tools. American Stroke Association International Stroke Conference, Invited Speaker at the State-of-the-Art Stroke Nursing Symposium, San Francisco, CA.

Shephard TJ (October 2006) Update on State & National Stroke Center Certification Programs. Invited Speaker at the Annual Stroke Belt Consortium Meeting, Orlando, FL.

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Shephard TJ, Kovach AM, Hale K & Miller A. (2006). Design and Testing of a Stratified Bedside Dysphagia Screening Tool: The STAND (Screening Tool for Acute Neurological Dysphagia) presentation at the American Association of Neuroscience Nurses annual meeting in San Diego, April 2006

## **Publications: Peer Reviewed Publications & Journals**

Schweickert P, Kreitel E, Solenski N, Gaughen J, Shephard TJ, & Jensen M. (2016). An overview of Antithrom-biotics in Ischemic Stroke for Primary Care Nurse Practitioners. *Journal of Nurse Practitioners* 41(6): 38-44.

Fedder W, Borsody M, Gorelick A, Ghilarducci D, Rymer M, Combes J, Meade A, Shephard TJ, Bushnell C. (2012) . Excellence in Stroke Care: improving care in community hospitals. *Hospital Health Netw.* 86(7): 49-9

Hinchey JA, Shephard TJ, Tonn S, Ruthazer R, Herman RC, Selker HP & Kent DM. (2010). The Stroke Practice Improvement Network: A quasi-experimental trial of a multi-faceted intervention to improve quality. *Journal of Stroke & Cerebrovascular Disease* 19(2): 130-137.

Hinchey JA, Shephard TJ, Tonn S, Ruthazer R, Selker HP & Kent DM. (2008). Benchmarks and determinants of adherence to stroke performance measures. *Stroke* 39(5): 1619-1620

Hinchey JA, Shephard TJ, Tonn S, & Ruthazer, R. for the Stroke Practice Improvement Network Investigators. (2006) Pre-printed orders are associated with high adherence to processes required on admission. *Stroke*, 37(2): (abstract pg.739).

Hinchey JA, Shephard TJ, Furie K, Smith D, & Tonn S, for the Stroke Practice Improvement Network Investigators. (2005) Formal dysphagia screens prevent pneumonia. *Stroke*, 36(9): 1972-1976.

Alberts MJ, Latchaw RE, Mayberg MR, Zorowitz RD, Shephard TJ, Jagoda A, Marler JR, Koroshetz WK, Viste KM, Magnis E, Emr M, & Walker MD (2005) Recommendations for the establishment of comprehensive stroke centers: A summary statement from the Brain Attack Coalition. *Stroke*, 36(7): 1597-1616.

Schwamm LH, Pancioli A, Acker J, Goldstein LB, Zorowitz RD, Shephard TJ, Moyer P, Gorman M, Johnston C, Duncan PW, Gorelick P, Frank J, Stanne S, Smith R, Federspiel W, Horton K, Magnis, E & Adams RJ. (2005) Recommendations for the establishment of stroke systems of care: Recommendations from the American Stroke Association's Task Force on the Development of Stroke Systems. *Stroke*, 36(3): 690-703.

Schwamm LH, Pancioli A, Acker J, Goldstein LB, Zorowitz RD, Shephard TJ, Moyer P, Gorman M, Johnston C, Duncan PW, Gorelick P, Frank J, Stanne S, Smith R, Federspiel W, Horton K, Magnis, E & Adams RJ. (2005) Recommendations for the establishment of stroke systems of care: Recommendations from the American Stroke Association's Task Force on the Development of Stroke Systems. *Circulation*, 111(8): 1078-1091.

Gordon, NF, Gulanick M, Fletcher G, Franklin BA, Roth EJ, & Shephard TJ. (2004) Physical activity and exercise guidelines for stroke survivors. *Circulation*, 109(16): 2031-2041.

Gordon, NF, Gulanick M, Fletcher G, Franklin BA, Roth EJ, & Shephard TJ. (2004) Physical activity and exercise guidelines for stroke survivors. *Stroke*, 35(5): 1230-1240.

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Hinchey JA, Tonn S & Shephard TJ (2004). Do dysphagia screens really prevent pneumonia? *Stroke*, 35(1)

Kidwell CS, Shephard TJ, Tonn S, Lawyer B, Murdock M, Koroshetz W, Alberts MJ, Hademenos G, Saver JL. (2003). Recommendations for the establishment of primary stroke centers: A survey of physician attitudes and hospital resources in the United States. *Neurology*, 60(9): 1452-1456

Williams C, Shephard TJ, Marrufo M, Galbis-Reig D \* Gaskill A. (2003). A brief descriptive analysis of stroke features in a population of patients from a large urban hospital in Richmond, VA: A city within the "Stroke Belt". *Neuroepidemiology*. 22; 31-36. (name misspelled in publication, printed as Sheppard)

Hinchey JA, Tonn S & Shephard TJ (2003). Achievable benchmarks for in-hospital ischemic stroke care. *Stroke*, 34(1) 312.

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## Awards and Honors

System Partner Award from Specialist on Call Tele-neurology Services; *“Presented to the Bon Secours Health System for advancing patient care in the treatment of acute illness using telemedicine services. (October 2010)*

American Association of Neuroscience Nurses, National: **Excellence in Advanced Practice Award** for “Achievements in advancing the specialty of neuroscience nursing through leadership and devoted service.” (April 2007)

Certificate of Appreciation: from American Heart Association, Mid-Atlantic Affiliate & Virginia Department of Public Health for “Contributions to the Development of the Virginia Stroke Systems of Care State wide Plan”. (September 2006)

Joseph A. Provenzano Memorial Lecture Award from Inova Health Systems, Fairfax/Alexandria, VA (October 2005)

Bon Secours Richmond Health System, St. Mary’s Hospital, **S.T.A.R. Award** for “Commitment to Improving Patient Outcomes.” (December 2004)

Bon Secours Richmond Health System, St. Mary’s Hospital, **S.T.A.R. Award** for “Commitment to Improving Patient Outcomes.” (December 2003)

Bon Secours Richmond Health System, **Certificate of Commendation** for work on the Product Utilization Committee in their efforts at surpassing the Expense Reduction Goal for FY 2003. (October 2003)

Brain Attack Coalition, **National Institutes of Health/National Institute of Neurological Disorders & Stroke: Service Award** in “Honor of Dedicated Service to the Brain Attack Coalition”. (August 2003)

American Association of Neuroscience Nurses: **Jennifer Davis Memorial Award** for “Achievements in advancing the specialty of neuroscience nursing through leadership and devoted service.” (March 1999)

American Association of Neuroscience Nurses Recognition Award for service as the Stroke Special Focus Group Facilitator. (March 1999)

Induction to Sigma Theta Tau, **National Nursing Honor Society.** (November 1997)

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## Professional Membership & National/State Activity Summary

### American Academy of Neurology, 2002-present

#### American Heart Association, Stroke Council, 1995-2015

AHA/ASA national representative to American Medical Association Physician Consortium for Performance Improvement:  
*Stroke & Stroke Rehabilitation PI Indicator Work Group, 2006-08*

AHA National Guideline Writing Group (Exercise & Physical Activity in stroke) 2002-2004

AHA National Digital Strategies Task Force 1999-2001

#### American Stroke Association, 1997-2015

Comprehensive Stroke Center Certification Advisory Working Group, 2005-2012

Primary Stroke Center Certification, Advisory Working Group, 2001-2012

**Lead Author**- PSC Certification JCAHO evaluation criteria, 2003

Advisory Panel to JCAHO for PSC Certification Program Oversight 2003-2010

Expert Advisory Panel to **CDC** for Coverdell Stroke Registry Project, 2001-2007

Faculty for NIHSS online training certification website, 2004-2008

National Stroke Volunteer Forum, 2004-2007

National Stroke Advisory Committee, 1997-2004

Stroke Performance Measurement, Advisory Working Group, 2002-2003

**Chair**, Stroke Registry Task Force 1999-completion 2001

Member, Annual Conference Abstract Review Committee 1998-2000

Editorial Review Board, Stroke Connection Magazine, 2000-2004

#### American Association of Neuroscience Nurses, 1994-present

Member, Board of Directors, 1999-2003

**Editor**, AANN Web Editorial Board, 2002-2003

Member, Editorial Board of the Journal of Neuroscience Nursing, 1998-2001

Journal of Neuroscience Nursing/BOD liaison, 2000-2001

Manuscript review committee, 1998 – 2004

**Chair**, Stroke Special Focus Group-1,000 members 1996-1999

Editor, Stroke Special Focus Group Newsletter 1996-1999

#### Brain Attack Coalition, Executive Committee, NIH/NINDS, 1999-2003

**Chair**, Coalition Website Committee, 2001-2003

#### Virginia/Mid-Atlantic Projects/Affiliations

**Co-Chair**: Virginia Stroke Systems Task Force, Sept. 2008-2009, 2014-2016

**Editor in Chief**: VSS TF (\$100,000 professionally designed web presence). 2009-2010

**Chair**: Virginia Stroke Systems Ambassador Panel 2007-2009

**Chair**: Virginia Stroke Systems Task Force - Hospital Roles Survey Team 2005-2009

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