Lehigh Valley Health Network

Patient Care Services / Nursing

The Gift of Life: Optimizing Organ Donation through Collaboration

Jennifer Houp RN, CNRN Lehigh Valley Health Network, Jennifer.Houp@lvhn.org

Follow this and additional works at: https://scholarlyworks.lvhn.org/patient-care-services-nursing

Part of the Nursing Commons Let us know how access to this document benefits you

Published In/Presented At

Houp, J. (2012). The Gift of Life: Optimizing Organ Donation through Collaboration. *LVHN Scholarly Works*. Retrieved from https://scholarlyworks.lvhn.org/patient-care-services-nursing/153

This Poster is brought to you for free and open access by LVHN Scholarly Works. It has been accepted for inclusion in LVHN Scholarly Works by an authorized administrator. For more information, please contact LibraryServices@lvhn.org.

The Gift of Life: Optimizing Organ Donation through Collaboration Jennifer Houp, RN, CNRN, Neuroscience Intensive Care Unit Lehigh Valley Health Network, Allentown, Pennsylvania

Abstract:

Presently 100,000 people hope for the gift of a lifesaving organ. The Organ Donation Breakthrough Collaborative was developed to raise donation rates to 75% of eligible organ donors. One Magnet[®] hospital utilizes a collaborative team approach as a means of meeting this expectation. The main goal of patient care is saving lives, but when an injury is non-survivable nurses and providers notify the organ procurement office (OPO). Providers, nurses and the OPO Coordinator meet with family to discuss donation. Members of the team meet daily to discuss next steps. A computer order set was developed to assure standard practice when caring for an organ donor. This collaborative approach resulted in the institution being granted gold and silver medals of honor for organ donation by the Department of Health and Human Services. This presentation discusses: strategies to improve communication between healthcare members focusing on family discussions; standard donor care; and, increasing donation conversion rates.

Objectives:

- 1. Discuss potential neurological conditions appropriate for early referrals to an Organ Procurement Office.
- 2. Describe the content of daily team meetings to promote a cohesive team approach to organ donation.
- 3. Review standard order sets initiated upon obtaining organ donation consent.

References:

- . OrganDonor.gov: Access to U.S. government information on organ and tissue donation and transplantation. http://www. organdonor.gov. Accessed June 20, 2010.
- 2. Shafer, T., Wagner, D., Chessare, J., Zampiello, F., McBride, V., Perdue, J. (2006). Organ donation breakthrough collaborative. Critical Care Nurse, 26(2), 33-49.
- 3. The Joint Commission 2010 Comprehensive Accreditation Manual for Hospitals: The Official Handbook. http://www. jointcommission.org. Accessed June 20, 2011.



Significance:

- More than 100,000 men, women and children currently need life-saving organ transplants
- waiting list
- An average of 18 people die each day from lack of available organs

Collaborative Approach to Enhance Organ Donation:

- I. Identification of potentia donors
 - Declaration of brain death by neurol criteria
 - Declaration of death by cardiopulm criteria
 - Presence of "Withdrawal of Therapie advanced directive
 - Embolic cerebrovascular injury in the mechanically ventilated patient
 - Hemorrhagic cerebrovascular injury mechanically ventilated patient
 - Traumatic head injury in the mechan ventilated patient
 - Anoxic injury secondary to post cardiopulmonary resuscitation

Every 10 minutes another name is added to the national organ transplant



Organ Donation Breakthrough Collaborative Goals:

- 75% conversion rate of potential donors
- 3.75 organs transplanted per donor
- 10% deceased criteria donors
- 20% growth in transplant volume

al	2. Inter-professional Team Meeting
ological	 a. Participants Bedside registered nurse
ionary	 Treating physician Organ procurement coordinator
oies"	 Pastoral care personnel Social work representative
he	 Respiratory therapist House residency staff
y in the	 b. Discussion Points Medical suitability
nically	 Plan of care Family/care team discussion re: withdrawal of therapy
	 Donation option raised by family members Determination of Brain Death
	• Action plan for hemodynamic instability

- Expansion of donor criteria
 - Standard Criteria Donors
 - Expanded Criteria Donors
 - Donors after Cardiac Death

3. Standard Order Set

- Hemodynamic parameters
- Pulmonary parameters and oxygen challenge steps
- Electrolyte replacement criteria
- Intravenous fluid options
- Laboratory test options
- Medication list with titration reference
- Required consultations
- Radiographic testing requirements
- Nursing actions

A PASSION FOR BETTER MEDICINE.



610-402-CARE LVHN.org