An Alternative To Implanting Loop Recorders In A Hospital

Marie Paule Lafontant  
*Miami Cardiac & Vascular Institute*, marielaf@baptisthealth.net

Valerie Smith  
*South Miami Hospital*, valeries@baptisthealth.net

Nohemi Sadule Rios  
*Baptist Health South Florida*, nohemis@baptisthealth.net

Marsha Lambert  
*South Miami Hospital*, marshala@baptisthealth.net

Follow this and additional works at: https://scholarlycommons.baptisthealth.net/se-all-publications

Citation
Lafontant, Marie Paule; Smith, Valerie; Sadule Rios, Nohemi; and Lambert, Marsha, "An Alternative To Implanting Loop Recorders In A Hospital" (2018). All Publications. 2961.  
https://scholarlycommons.baptisthealth.net/se-all-publications/2961

This Conference Poster – Open Access is brought to you for free and open access by Scholarly Commons @ Baptist Health South Florida. It has been accepted for inclusion in All Publications by an authorized administrator of Scholarly Commons @ Baptist Health South Florida. For more information, please contact Carrief@baptisthealth.net.
An Alternative To Implanting Loop Recorders In A Hospital
Marie-Paule M. Lafontant EdD, MSN, RN-Bc; Valerie E. Smith, MSN, RN; Nohemi Sadule Rios, PhD, RN; Marsha Lambert, BSN, RN-Bc

Background
Cardiac arrhythmias/unexplained syncopal episodes remain a challenge. Loop recorders assist in identifying the causes behind cardiac and neurological events.

Design: Retrospective comparative review of electronic medical charts (N=194) from 10/21/2016 to 10/20/2017

Framework: Quality-Cost Framework (Health Care Quality, Costs; Return on investment/bedside implantation influence on cost).

Variables:
- Dependent: patients’ length of stay, timeline of procedure, cost, number of staff involved, number of procedures, and hospital return on investment
- Independent: Implantable loop recorders procedure (at the bedside and in the Electrophysiology lab)

Data Analysis. Descriptive statistics to compare the two groups’ outcomes means

Ethics: Approved by the Institutional Review Board.

Purpose
To compare the practice of implanting loop recorders at the bedside to implantations in the Electrophysiology (EP) lab.

Results
Bedside procedures resulted in:
- Increased number of procedures
- Increased hospital return on investment
- Cost savings: Decreased labor cost/Staff

Implications for Practice
Nursing Practice:
- Early discharge/Increased patient satisfaction
- No sedation/less invasive procedure
- No delay for EP Physician/EP room available
- 2-3 CVCU rooms in use one after the other

Hospitals’ Administrators:
- Decreased length of stay
- Increased return on investment
- Quick Turn around
- Less staff per procedure

Contact Information
Marie P. Lafontant MarieLaf@baptisthealth.net

South Miami Hospital
BAPTIST HEALTH SOUTH FLORIDA

Research

Reproduced with permission from Medtronic

Insertion
Insertion Tool
The MyCareLink™ Patient Monitor
The Medtronic CareLink™ Programmer
Patient Care Assistant

Reproduced with permission from Medtronic