Device Management Program (DMP)
An Interactive Pathway

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**Purpose**
- To decrease length of stay and increase patient satisfaction by developing teaching and plan of care interventions for our patients with implanted Left Ventricular Assist Devices (LVAD)
- To increase accountability for nursing and other disciplines in plan of care and discharge planning process

**Significance**
- The impact of morbidity, length of stay and patient satisfaction were the triggers for the creation of an interactive patient education board
- The heart failure multidisciplinary team developed a standardized plan of care (POC) for LVAD patients
- This interactive plan leads to a safe and timely discharge of patients

**Methods & Implementation**
- Upon arrival to the unit, the patient is oriented to the purpose and modules of the board by the nurse
- Daily POC and clinical discharge goals are broken into discrete "modules" and each module is characterized by a clinical focus and represented by a color
- The Patient is expected to participate in meeting the POC as outlined in the modules on a daily basis and the clinical discharge goals before discharge
- The nurse is expected to ensure that the daily POC needs for their patient are met and the modules are turned to white before 9 pm
- The nurse and or the interdisciplinary team are expected to turn the clinical discharge goal module to white if completed during their shift
- The board appearing white is a positive visual reminder for patients, family, and the interdisciplinary team that the patient’s daily POC and clinical discharge goals have been completed

**Clinical Discharge goals of DMP-7 D’s**
1. **Dry:** Patient should be euvoletic in comparison with the previous dry weight
2. **De-lined:** All central lines, PICC lines, chest tubes, mediastinal drains and Foley catheters should be removed prior to discharge
3. **Drips off:** Define all IV medications/drips that the patient is currently receiving and attempt to transition to oral meds when indicated
4. **Diet:** Every patient should be educated on their dietary and fluid restriction
   - Includes checking and charting of vital signs, daily weight, intake and output and diagnostic tests or procedures
   - Patient should be euvolemic in comparison with the previous dry weight
   - Specific time set for meals with charting of caloric and other nutritional intake
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**Conclusions/Implications for Nursing Practice**
- DMP provides structure and consistency in meeting daily POC and achieving discharge goals in decreasing LOS
- Continue using DMP with LVAD patients and extend its use with other heart failure patients
- DMP enhances effective use of resources in a timely manner
- Continue to monitor our outcome and effectiveness
- Celebrate our achievements

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