

Michael Mauer

Mentor: Mike Short, PharmD and Mark Ruscin PharmD

Title: *Iron Infusion for Patients with Services Heart Failure Reduced Ejection Fraction Iron Deficiency Anemia*

Memorial Medical Center will offer an iron infusion service through the Heart Failure Clinic that will allow patients with iron deficiency anemia and ejection fraction reduced heart failure to improve their quality of life and decrease admission rates. The 2017 ACC/AHA/HFSA Focused Updated of the 2013 ACCF/AHA Guideline for the Management Heart Failure recommends treating patients with class II and III reduced ejection fraction heart failure with intravenous iron when they are found to be iron deficient. This recommendation comes after several randomized controlled trials demonstrated improved quality of life, decreased admissions and superiority of intravenous iron to oral iron supplementation. The input costs are minimal with several dozen patients already identified who would benefit and qualify for such a service.