| | Common Medications | Initiation Dose | Goal Dose |
|---------------------------|---|------------------------------------|--------------------------------------|
| ARNI/ACE/ARB | Sacubtril/Valsartan | 24/26mg BID | 97/103mg BID |
| | Lisinopril | 2.5mg daily | 40mg daily |
| | Valsartan | 40mg daily | 320mg daily |
| | Losartan | 25mg daily | 150mg daily |
| Beta Blocker | Carvedilol | 3.125mg BID | 25mg BID |
| | Metoprolol Succinate | 12.5mg daily | 200mg daily |
| Aldosterone | Spirinolactone | Per protocol * | 25mg daily |
| Antagonist | Eplerenone | 25mg daily | 50mg daily |
| Hydralazine & Nitrates | Hydralazine Isosorbide mononitrate Isosorbide dinitrate | 25mg TID 10mg daily 20mg TID | 100mg TID 120mg daily 40mg TID |

Figure S1: Guideline directed medical therapy with recommended initiation and target doses as outlined by ACC/AHA/HFSA^{1,2}

Ambulatory Aldosterone Antagonist Protocol

DO NOT ACTIVATE PROTOCOL IF:

eFGR < 30 ml/min/1.73m² Baseline potassium > 5 mmol/L

ALDOSTERONE ANTAGONIST INITIATION RECOMMENDATIONS:

Begin AA therapy at dose of 25mg daily in patients maintained on ACE/ARB/ARNI with NYHA III-IV symptoms and EF < 40% If serum potassium level increases to >5.5 mmol/L reduce AA dosage to 25mg every other day and reevaluate response after 1 week Serum potassium level should be checked during any heart failure exacerbation Begin AA therapy at dose of 12.5mg daily if: Baseline serum potassium level >4.2 mmol/L eGFR is 30 to 49 mL/min/1.73m²

If serum potassium level increases to >5.5 mmol/L reduce AA dosage to 12.5mg every other day and reevaluate response after 1 week

Recommend stoppage of Aldactone if:

Creatinine increases >25%

K > 6 mmol/L

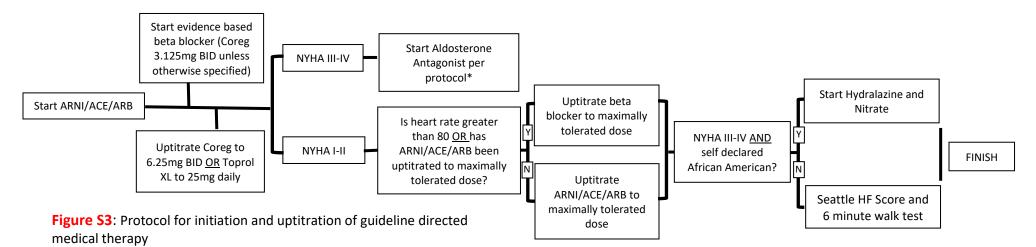


Figure S2: Aldosterone Antagonist titration protocol

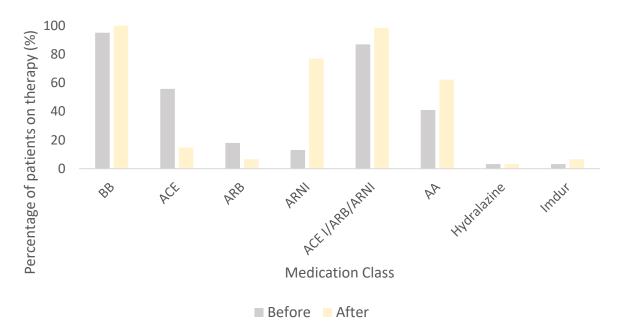


Figure S4: Proportion of patients tolerating medical therapy by class at any dosage before and after nursing directed uptitration

| Table S1: Reasons for intolerance of uptitration with | | | |
|---|---|--|--|
| Failure to uptitrate with beta-blockers (n=17) | | | |
| Bradycardia | | | |
| Hypotension | | | |
| Loss to follow up | | | |
| LVEF recovered | | | |
| Progressed to advanced therapies | | | |
| Failure to uptitrate with ARNI (n= 22) | | | |
| Hypotension | 8 | | |
| Excessive copay | 4 | | |
| Prior authorization rejected | 2 | | |
| Loss to follow up | | | |
| LVEF recovered | 1 | | |
| Declined frequent blood draws | 1 | | |
| Fatigue | 1 | | |
| Cough | 1 | | |
| Diarrhea | 1 | | |
| Death | 1 | | |
| Failure to uptitrate with aldosterone inhibitors (n=22) | | | |
| Hyperkalemia | 7 | | |
| Hypotension | 5 | | |
| Gynecomastia | 5 | | |
| Declined frequent blood draws | 2 | | |
| LVEF recovered | 1 | | |
| Renal failure | 1 | | |
| Fatigue | 1 | | |
| Dizziness | 1 | | |
| Progressed to advanced therapies | 1 | | |
| Tinnitus | 1 | | |
| Rash | 1 | | |