September 2022

| 500110515051011                          |  |   |
|--|--|---|
| FORM SELECTION HF                        |  | Legend: Elements in bold are required  Patient ID:  |
| DEMOGRAPHICS TAE                         | 3  | Taucillib.  |
| Demographics                             |  |   |
| Sex                                      | O Male O Female  | O Unknown   |
| Patient Gender<br>Identity               | <ul> <li>Male</li> <li>Female</li> <li>Female-to-Male (FTM)/Transg</li> <li>Male-to-Female (MTF)/Transg</li> <li>Genderqueer, neither exclusive</li> <li>Additional gender category or one</li> <li>Did not disclose.</li> </ul>   | ender Female/Trans Woman<br>ely male nor female   |
| Patient-Identified<br>Sexual Orientation | <ul> <li>Straight or heterosexual</li> <li>Lesbian or gay</li> <li>Queer, pansexual, and/or ques</li> <li>Something else; please specify</li> <li>Don't know</li> <li>Declined to answer</li> </ul>  | y   |
| Date of Birth                            | /(MM/DD/YYYY)  | Patient Postal Code   |
| Payment Source                           | <ul> <li>□ Medicare Title 18</li> <li>□ Medicaid Title 19</li> <li>□ Medicare – Private/HMO/PP</li> <li>□ Medicaid – Private/HMO/PP</li> <li>□ Private/HMO/PPO/Other</li> <li>□ VA/CHAMPVA/Tricare</li> <li>□ Self-pay/No Insurance</li> <li>□ Other/Not Documented/UTD</li> </ul> | O/Other   |
| External Tracking ID                     |  |   |
| Race and Ethnicity                       |  |   |
| Race                                     | ☐ American Indian or Alaska N☐ Asian☐ Asian Indian☐ Chinese☐ Filipino☐ Japanese☐ Korean☐ Vietnamese☐ Other Asian   | <ul> <li>□ Native Hawaiian or Pacific Islander</li> <li>□ Native Hawaiian</li> <li>□ Guamanian or Chamorro</li> <li>□ Samoan</li> <li>□ Other Pacific Islander</li> <li>□ White</li> <li>□ UTD</li> </ul> |
| Hispanic Ethnicity                       | O Yes  | O No/UTD  |
| Select Hispanic Origin<br>Group(s):      | <ul> <li>Mexican, Mexican America</li> <li>Cuban</li> <li>Puerto Rican</li> <li>Another Hispanic, Latino,</li> </ul>   |   |
| ADMISSIONS TAB                           |  |   |
| Arrival and Admission                    |  |   |
| Internal Tracking ID                     | •  | /sician/Provider NPI  |
| Arrival Date/Time                        | : Adı  | mission Date//  |
| Transferred in (from another ED?)        | O Yes  | O No  |
| Point of Origin for                      | O 1. Non-Healthcare Facility   | O 6. Transfer from another Health Care Facility   |

Point of Origin

2. Clinic

Admission or Visit

O 7. Emergency Room

**9**. Information not available

| GWTG-HF IQVIA Registry Platform NOT FOR USE WITHOUT PERMISSION. ©2021 American Heart Assesseptember 2022  | ociation  |
|---|---|
| O 4. Transfer from a Ho<br>(Different Facility) O 5. Transfer from a Ski<br>Nursing Facility (SNF)<br>Intermediate Care Fac   | Hospice Plan of Care or Enrolled in a Hospice Program ) or  |
| Discharge Date/Time/:::   |   |
| Medical History   |   |
| Medical History (Select all that apply):  |   |
| <ul> <li>□ Anemia</li> <li>□ Atrial Fib (chronic or recurrent)</li> <li>□ Atrial Flutter (chronic or recurrent)</li> <li>□ ATTR-CM</li> <li>○ Hereditary</li> <li>○ Wild-type</li> <li>□ CAD</li> <li>□ CardioMEMs (implantable hemodynamic monitor)</li> <li>□ COPD or Asthma</li> <li>□ CRT-D (cardiac resynchronization therapy with ICD)</li> <li>□ CRT-P (cardiac resynchronization therapy-pacing only)</li> <li>□ CVA/TIA</li> <li>□ Depression</li> </ul> | <ul> <li>□ Heart failure</li> <li>□ Heart Transplant</li> <li>□ Hyperlipidemia</li> <li>□ Hypertension</li> <li>□ ICD only</li> <li>□ Kidney Transplant</li> <li>□ Left Ventricular Assist Device</li> <li>□ Pacemaker</li> <li>□ Peripheral Vascular Disease</li> <li>□ Prior CABG</li> <li>□ Prior MI</li> <li>□ Prior PCI</li> <li>□ Renal insufficiency - chronic (SCr&gt;2.0)</li> <li>□ Sleep-Disordered Breathing</li> <li>□ TAVR</li> </ul> |

Diabetes

■ Dialysis (chronic)

O SARS-COV-1

O MERS

■ No Medical History

**Heart Failure History** 

Etiology: Check if history of:

■ Emerging Infectious Disease

☐ Familial hypercholesterolemia

O SARS-COV-2 (COVID-19)

O Other infectious respiratory pathogen

O Type 2 QN C **Diabetes Type:** O Type 1 Diabetes Duration: O <5 years O 5 - <10 years O 10 - <20 years **O** >=20 years O Unknown Sleep-Disordered Obstructive □ Central **Breathing Type:** ☐ Mixed ■ Unknown/Not Documented Equipment used at home: □ 02 ☐ CPAP ■ BiPAP ■ Adaptive Servo-Ventilation

■ TMVR

Tricuspid Valve procedure

O Yes

Yes

■ Non-Ischemic

Viral

Alcohol/Other DrugChemotherapyFamilial

Hypertensive

Postpartum

No

No/ND

■ Valvular Heart Disease

Ventricular assist device

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☐ Unknown/Not Documented

■ None

History of cigarette smoking? (In the past 12 months)

History of vaping or e-cigarette use in the past 12 months?

□ Ischemic/CAD

|  |  |  |   | ner Etiology<br>known Etiology                   |   |  |
|--|--|--|---|--|---|--|
| Known history of HF prior to this admission?   | O Yes  | S  | O No  |  |   |  |
| # of hospital admissions in past 6 mo. for HF:   | O C  | O 1  | O 2   | O >2   | O Unknown   |  |
| ☐ Patient Listed for Transplant  |  |  |   |  |   |  |
| DIAGNOSIS  |  |  |   |  | dmission Tab  |  |
| Heart Failure Diagnosis  | O He   | eart Failure, p  | orimary diagno<br>orimary diagno<br>secondary dia |  |   |  |
| Atrial Fibrillation (At presentation or during hospitalization)  | O Yes  |  | No  |  | ented New Onset?  |  |
| Atrial Flutter (At presentation or during hospitalization)   | O Yes  | 1 C  | No  | □ Docume   | ented New Onset?  |  |
| New Diagnosis of Diabetes  | O Yes  |  | No  | O Not Dod  |   |  |
| Basis for Diagnosis  |  | Glucose Tol  |   |  | ing Blood Sugar<br>Other                                    |  |
| Characterization of HF at admission or when first recognized   | O Dizzir O Dysp O ICD S  | e Pulmonary I<br>ness/Syncopo<br>nea<br>Shock/Sustair<br>ricular Arrhyth               | e<br>ned  | O Volume o O Worsening O Other                   |   |  |
| Other Conditions Contributing to HF<br>Exacerbation<br>Select all that apply   | □ Nonco  | monia/respira<br>ompliance - m   |   | <ul><li>☐ Ischemia</li><li>☐ Uncontrol</li></ul> | ng Renal Failure<br>a/ACS<br>olled HTN<br>pliance – Dietary |  |
| Active bacterial or viral infection at admission or during hospitalization   | O Emerg<br>□ SA<br>□ MB<br>□ Ot<br>O Influer<br>O Seaso  | rial infection<br>ging Infectiou<br>ARS-COV-1<br>ARS-COV-2 (<br>ERS<br>ther infectious | COVID-19)<br>s respiratory p                      | oathogen   |   |  |
| New Diagnosis of ATTR-CM   | <ul> <li>Yes</li> <li>Hereditary</li> <li>Wild-Type</li> <li>Unknown/Not Documented</li> <li>No</li> <li>Not Documented</li> </ul> |  |   |  |   |  |
| MEDICATIONS AT ADMISSION   | · !! (!==4 a.m.)   | , ,  |   | Admis  | ssion Tab   |  |
| Medications Used Prior to Admission: [Select  □ Patient on no meds prior to admission  □ ACE Inhibitor  □ Aldosterone antagonist  □ Angiotensin receptor blocker (ARB)  □ Angiotensin Receptor Neprilysin Inhibitor (Allouis)  □ Antiarrhythmic  □ Anticoagulation Therapy  ○ Warfarin  ○ Direct Thrombin Inhibitor  ○ Factor Xa Inhibitor |  | Antiplatelet Aspirin Beta-Block Ca channe Othe Digoxin Diuretic                        | el blocker<br>er injectable/s<br>:/Thiazide-like  | subcutaneous a                                   | agents  |  |

| O Other  Anti-hyperglycemic medications:  □ DPP-4 Inhibitors □ GLP-1 receptor agonist □ Insulin □ Metformin □ Sulfonylurea □ Thiazolidinedione □ Other Oral Agents □ Other injectable/subcutaneous agents |               |       |                        | <ul> <li>□ Ivabradine</li> <li>□ Finerenone</li> <li>□ Lipid lowering agent (Any)</li> <li>○ Statin</li> <li>○ Other Lipid lowering agent</li> <li>□ Nitrate</li> <li>□ Omega-3 fatty acid supplement</li> <li>□ Renin Inhibitor</li> <li>□ SGLT2 Inhibitor</li> <li>□ Vericiguat</li> <li>□ Other Medications Prior to Admission</li> </ul> |                  |                     |                                   |                                      |
|---|---------------|-------|------------------------|--|------------------|---------------------|-----------------------------------|--------------------------------------|
| Symptoms (Clo<br>Admission) Se  |               |       | hest Pain<br>erthopnea | O Dys<br>O Fat   | spnea at re      | est                 | O Dyspnea or                      | n Exertion<br>appetite/early satiety |
| apply   |               | ΟP    | alpitations            | O PN   |                  |                     |                                   | ghtheadedness/syncope                |
| EXAMS/LABS  | AT ADMI       | SSION |                        |  |                  |                     |                                   | Admission Tab                        |
| Height  |               |       |                        |  | O inches         | O cm                |                                   | O Height ND                          |
| Weight  |               |       |                        |  | OLbs.            | OKgs.               |                                   | O Weight ND                          |
| Waist<br>Circumference  |               |       |                        |  | O inches         | O cm                |                                   | O Waist Circumference<br>ND          |
| BMI   |               |       |                        |  |                  | (Automatic          | cally Calculated)                 |                                      |
| Systolic  |               |       |                        |  |                  |                     | ,,,                               |                                      |
| Diastolic   |               |       |                        |  |                  |                     |                                   |                                      |
| O BP ND   |               |       |                        |  |                  |                     |                                   |                                      |
| Respiratory<br>Rate (breaths<br>per minute)   | Rate (breaths |       |                        |  |                  |                     |                                   |                                      |
| JVP (cm):   | O Yes         | O No  | O Unknow               | ٦ JVF  | P Value          |                     |                                   |                                      |
| Rales:  | O Yes         | O No  | O Unknow               | n Ral  | es Value _       |                     | O <1/3   O ≥1/3                   | O N/A                                |
| Lower<br>Extremity<br>Edema   | O Yes         | O No  | O Unknow               |  | ver Extrem       | ity Value           | O Trace O 1+ O 2+ O 3+ O 4+ O N/A |                                      |
| Linida  | TC:<br>mg/dL  |       | HDL:<br>mg/dL          |  | )L:<br>g/dL      |                     | TG:                               | □ Lipida Not Available               |
| Lipids<br>Labs (Closet to   |               | n)    | ilig/uL                | [ 111(   | g/u∟             |                     | mg/dL                             | ☐ Lipids Not Available               |
| Sodium (Na+)  | 13.1.1100701  | ··/   |                        | O n  | nEq/L            | O mmol/L            | O mg/dL                           | ☐ Not Available                      |
| Hgb   |               |       |                        | _  | <sub>J</sub> /dL | O g/L               | ···g/ <del>v =</del>              | ☐ Not Available                      |
| Albumin   |               |       |                        |  | /<br>J/dL        | O g/L               |                                   | ☐ Not Available                      |
| BNP   |               |       |                        |  | g/mL             | O pmol/L            | O ng/L                            | ☐ Not Available                      |
| NT-proBNP   |               |       |                        | Оp   | g/mL             | O ng/L              |                                   | □ Not Available                      |
| Serum<br>Creatinine   |               |       |                        | O n  | ng/dL            | O µmol/L            |                                   | ☐ Not Available                      |
| BUN   |               |       |                        | O n  | ng/dL            | O µmol/L            |                                   | ☐ Not Available                      |
| Troponin<br>(Peak)  | Ong/mL        | . Ouç | ŋ/L                    | O T<br>O I<br>O  | -                | O Normal O Abnormal |                                   | ☐ Not Available                      |
| Potassium<br>(K+)   |               |       |                        | O n  | nEq/L            | O mmol/L            | O mg/dL                           | □ Not Available                      |

| Ferritin (ng/mL)   | ocptember 2022  |   |   |   |   |                           |                 |  |  |  |
|--|---|---|---|---|---|---------------------------|-----------------|--|--|--|
| HbA1C  |   |   |   |   |   |                           |                 |  |  |  |
| Fasting Blood Glucose (mg/dL) EKG QRS Duration (ms)  LBBB  |   | %   |   | □ No  | t Available   |                           |                 |  |  |  |
| Mot Available   Not Available  |   |   |   |   |   | A                         |                 |  |  |  |
| EKG QRS Morphology  Description (ms)  EKG QRS Morphology  Description (ms)  LENGER Description ( |   |   |   |   |   | ☐ Not Available           |                 |  |  |  |
| Section (1985)   O Normal   O RBBB   O NS-IVCD   O Not Available   |   |   |   |   | ( A !   -   -   |                           |                 |  |  |  |
| CLINICAL CODES   CLINICAL CodeS Tab   CD-10-CM Principal Diagnosis Code  |   |   |   |   | t Available   | T = =                     |                 |  |  |  |
| CD-10-CM Principal Diagnosis Code  |   |   |   |   |   |                           |                 |  |  |  |
| CD-10-CM Other Diagnoses Codes   | - 32  |   |   | <b>3110-110</b> D   |   |                           |                 |  |  |  |
| A.   |   | nosis Code  |   |   |   |                           |                 |  |  |  |
| CD-10-CM Other Diagnoses Codes   7.  |   |   | 1.  |   | 2.  | 3.                        |                 |  |  |  |
| 10.  |   |   | 4.  |   | 5.  | 6.                        |                 |  |  |  |
| CD-10-PCS Principal Procedure Code   | ICD-10-CM Other Diagnos   | es Codes  | 7.  |   | 8.  | 9                         |                 |  |  |  |
| CD-10-PCS Principal Procedure Code   |   |   |   |   |   |                           |                 |  |  |  |
| 1.   | ICD-10-PCS Principal Pro  | cedure Code   |   |   |   |                           |                 |  |  |  |
| Internation   Content      |   |   | 1.  | <u> </u>  |   |                           | O Date UTD      |  |  |  |
| 4.   Date:/   O Date UTD   |   |   | 2.  |   | Date: _ /_ /_   |                           | O Date UTD      |  |  |  |
| 4.   Date:   O Date UTD  | ICD-10-PCS Other Princip  | al Procedure Codes  | -   |   | Date: / /   |                           | O Date UTD      |  |  |  |
| In-Hospital Care  Procedures    No Procedures   Cardiac Cath/Coronary Angiography   Cardiac Cath/Coronary Angiography   Cardiac Cath/Coronary Angiography   Cardiac Cath/Coronary Angiography   Cardiac Valve Surgery   Cardiac resynchronization therapy with ICD   CRT-D (cardiac resynchronization therapy with ICD   Dialysis   Dialysis  | ·   |   | 4.  |   | Date://_  |                           | O Date UTD      |  |  |  |
| In-Hospital Care   |   |   | 5.  |   | Date://_  |                           | O Date UTD      |  |  |  |
| Procedures    No Procedures  | IN-HOSPITAL   |   |   |   |   |                           | In-Hospital Tab |  |  |  |
| No Procedures   Cardiac Cath/Coronary Angiography   Cardiac Cath/Coronary Angiography   Cardiac Cath/Coronary Angiography   Cardiac Valve Surgery   Cardiac Valve Surgers   Cardiac Valve Sulcers   Cardiac Valve Surgers   Cardiac Valve Sulcers   Cardiac Valve Sulcers   Cardiac Valve Sulcers   Cardiac Valve Sulcers      | In-Hospital Care  |   |   |   |   |                           |                 |  |  |  |
| □ Cardiac Cath/Coronary Angiography □ Cardiac Valve Surgery   □ CardioMEMs (implantable hemodynamic monitor) □ Coronary Artery Bypass Graft   □ CRT-P (cardiac resynchronization therapy-pacing only) □ Dialysis or Ultrafiltration unspecified   □ ICD only □ Left Ventricular Assist Device   □ Right Cardiac Catheterization □ PCI with stent   □ Right Cardiac Catheterization □ TAVR   □ TMVR □ Transplant (Heart)   □ Tricuspid Valve Procedure □ Not Applicable   ○ Normal or mild dysfunction ○ Within the last year   ○ Performed/results not available ○ Not applicable   ○ Not performed ○ Not applicable   ○ Not performed ○ Not applicable   ○ Not applicable ○ None   ○ Trace/trivial ○ 1+ or Mild   ○ 2+ or Moderate ○ 3+ or Moderate to Severe   | Procedures  |   |   |   |   |                           |                 |  |  |  |
| EF - Qualitative  Obtained:  Normal or mild dysfunction Qualitative moderate/severe dysfunction Performed/results not available Planned after discharge Not applicable None Not applicable None Trace/trivial 1+ or Mild 2+ or Moderate 3+ or Moderate to Severe 4+ or Severe  | <ul> <li>□ No Procedures</li> <li>□ Cardiac Cath/Coronary Angiography</li> <li>□ CardioMEMs (implantable hemodynamic monite</li> <li>□ Coronary Artery Bypass Graft</li> <li>□ CRT-P (cardiac resynchronization therapy-pacionly)</li> <li>□ Dialysis or Ultrafiltration unspecified</li> <li>□ ICD only</li> <li>□ Mechanical Ventilation</li> <li>□ PCI</li> <li>□ Right Cardiac Catheterization</li> </ul> |   |   | Cardiac Value Cardiovers Cardiovers CRT-D (call Dialysis Intra-aortic Pacemake PCI with sill Stress Tes TAVR Transplant | alve Surgery<br>sion<br>rdiac resynchro<br>: Balloon Pump<br>cular Assist Dev<br>er<br>ent<br>sting | nization the              |                 |  |  |  |
| EF - Qualitative  Qualitative moderate/severe dysfunction Operformed/results not available Oplanned after discharge Not performed  None  Mitral Valve Regurgitation (MR) on echocardiogram  Mitral Valve Regurgitation (MR) on echocardiogram  Obtained: Obtained: Obtained: Oplanned: Oplanne | EF - Quantitative   |   | %   |   | Obtained:   | O Within                  | the last year   |  |  |  |
| Mitral Valve Regurgitation (MR) on echocardiogram  O None  Trace/trivial  1+ or Mild  2+ or Moderate  3+ or Moderate to Severe  4+ or Severe   | EF - Qualitative  | <ul><li>Normal or mild of Qualitative mode</li><li>Performed/result</li><li>Planned after dis</li></ul> | <ul> <li>Normal or mild dysfunction</li> <li>Qualitative moderate/severe dysfunction</li> <li>Performed/results not available</li> <li>Planned after discharge</li> </ul> |   |   | d: O Within the last year |                 |  |  |  |
| Documented LVSD? Q Yes Q No  | (MR) on echocardiogram  | O None O Trace/trivial O 1+ or Mild O 2+ or Moderate O 3+ or Moderate O 4+ or Severe                    |   | re  |   | No                        |                 |  |  |  |

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| LVF Assessment?           |         | O Yes   | O 1       | No               | O Not  | done    | Reason Documented  |  |  |
|---------------------------|---------|---|-----------|------------------|--|---------|--|--|--|
| Oral Medications durin    | g       | □ None  |           | Aldoste          | rone   |         | ☐ ACE Inhibitor  |  |  |
| hospitalization           |         | □ ARNI  |           | antagor          |  |         | ☐ Beta Blocker   |  |  |
| Select all that apply     |         | □ ARB   |           |                  | zine Nitrate                                 |         | <ul><li>□ SGLT2 Inhibitor</li><li>□ Not documented</li></ul> |  |  |
| IV Iron                   |         | ☐ Yes   |           |                  |  |         | u Not documented   |  |  |
|                           |         | □ None<br>□ Dopamine  |           |                  | Loop Diuretics Intermittent Bolus            |         |  |  |  |
| Parenteral Therapies      |         | □ Dobutamine  | 0         |                  | ous Infusion                                 |         |  |  |  |
| during hospitalization    |         | ☐ Iron  | 0         |                  |  |         |  |  |  |
| Select all that apply     |         |   |           |                  | e Nitroglycerin                              | е       |  |  |  |
|                           |         |   |           |                  | Vasodilator                                  |         |  |  |  |
| Was the nations amount    | 4i n    | a at the and of beenited do   | . 22      | Vasopre<br>O Yes | opressin antagonist es O No O Not Documented |         |  |  |  |
|                           |         | g at the end of hospital da<br>ated by the end of hospital              |           |                  | O No<br>O No/Not                             | 1       |  |  |  |
| 2?                        | I II LI | ated by the end of hospital   | uay       | O Yes            | Documented                                   | OC      | ontraindicated   |  |  |
|                           |         | ☐ Low dose unfracti   | onated    | heparin          | ☐ Facto                                      | or Xa I | nhihitor   |  |  |
|                           |         | (LDUH)  |           |                  |  |         | mbin inhibitor   |  |  |
| DVT prophylaxis type      |         | Low molecular we (LMWH)   | ignt ne   | parin            |  |         | ot pumps (VFP)   |  |  |
|                           |         | □ Warfarin  |           |                  |  |         | pneumatic compression  |  |  |
|                           |         | Other   |           |                  | devid  | es (IP  | C)   |  |  |
| Was DVT or PE (pulmo      | nar     | y embolus) documented?  |           | O Yes            | O No/Not Do                                  |         |  |  |  |
|                           |         |   |           |                  |  |         | g the current flu season                                     |  |  |
|                           |         | during this hospitaliza   |           | vea prior to     | aumission dui                                | ing the | e current flu season, not                                    |  |  |
| Influenza Vaccination     |         | O Documentation of patient's refusal of influenza vaccine               |           |                  |  |         |  |  |  |
|                           |         | O Allergy/Sensitivity to influenza or if medically contraindicated      |           |                  |  |         |  |  |  |
|                           |         | <ul> <li>Vaccine not available</li> </ul>                               |           |                  |  |         |  |  |  |
| COVID 40 Vessionation     |         |   |           |                  |  |         |  |  |  |
| COVID-19 Vaccination      |         | O COVID-19 vaccine w O COVID-19 vaccine w                               |           |                  |  |         | ing this hospitalization                                     |  |  |
|                           |         | O Documentation of pa   |           |                  |  |         | ing this nospitalization                                     |  |  |
|                           |         | O Allergy/Sensitivity to  |           |                  |  |         | ed   |  |  |
|                           |         | <ul> <li>Vaccine not available</li> </ul>                               |           |                  |  |         |  |  |  |
| COVID-19 Date             |         | O None of the above/N   | lot Doci  | umented/U        | TD   |         |  |  |  |
| COVID-19 Date             |         | Unknown   | /         |                  |  |         |  |  |  |
| Is there documentation to | nat     | O Yes   |           |                  |  |         |  |  |  |
| this patient was included | l in    | O No/ND   |           |                  |  |         |  |  |  |
| a COVID-19 vaccine tria   | ?       | O Draw  |           |                  | ar Alada I - 20 C                            | - t'    |  |  |  |
|                           |         | <ul><li>O Pneumo coccal vaccin</li><li>O Pneumo coccal vaccin</li></ul> |           |                  |  |         | hic hospitalization  |  |  |
| Pneumococcal              |         | <ul><li>O Pneumococcal vaccin</li><li>O Documentation of pati</li></ul> |           |                  |  |         | เมอ กบอยเเลแรสแบบ  |  |  |
| Vaccination               |         | O Allergy/sensitivity or if   | medica    | ally contrain    | ndicated to pne                              | umoc    | occal vaccine  |  |  |
|                           |         | O None of the above/No  |           |                  |  |         |  |  |  |
| DISCHARGE INFORMA         | TIC     |   |           |                  |  |         | Discharge Tab  |  |  |
| What was the              | $\circ$ |   |           |                  |  |         | Expired  |  |  |
| patient's discharge       | 0       | •   | re Facili | itv              |  |         | eft Against Medical<br>ce/AMA                                |  |  |
| disposition on the day    | 0       |   | e i acii  | ity              |  |         | lot documented or Unable                                     |  |  |
| of discharge?             | Ö       | •   | cility    |                  |  |         | etermine (UTD)   |  |  |
| If other Health Care      | 0       |   |           |                  | O Inte                                       |         | liate Care Facility (ICF)                                    |  |  |
| Facility:                 | O       | •   |           |                  |  | her     | nate eare r domity (let )                                    |  |  |
| Skilled Nursing           | 0       | Long Term Care Hospital   | (LICH)    | )                |  |         |  |  |  |
| Facility                  | -       | □ ND  |           |                  |  |         |  |  |  |
| If Home, special          | 0       |   |           | O Intern         | ational                                      |         |  |  |  |
| discharge                 | 0       |   |           |                  | n/Incarcerated                               |         | O None/UTD   |  |  |
| circumstances:            | Ľ       | 511101000   |           | - 1 1130         | .,   |         |  |  |  |

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| Primary Cause of Death                   | O Cardiova                       | scular            | O Non-0  | O Non-Cardiovascular                        |            |          |             |                       | nkno        | wn            |
|--|----------------------------------|-------------------|--|---|------------|----------|-------------|-----------------------|-------------|---------------|
| If Cardiovascular:                       | O Acute Co                       | ronary Syndrome   | O Worsening Heart Failure O Sudden Death Other |   |            |          |             |                       |             | n Death       |
| When is the earliest comfort measures of | nly?                             | A documentation o | O Day 2 or after O Not Documented              |   |            |          |             |                       |             |               |
| Symptoms (closest to discharge)          | O Worse O Unchanged              |                   |  | Better, Symptomatic<br>Better, Asymptomatic |            |          |             | O Unable to determine |             |               |
|  | Weight                           | O Lbs.            | . O Kgs.                                       |   |            |          |             | O No                  | ot Do       | cumented      |
| Vital Signs (closest to Discharge)       | Heart Rate (bpm)                 |                   |  |   |            |          |             |                       |             | cumented      |
| to Biodiaigo)                            | Systolic                         |                   |  |   |            |          |             | O No                  | ot Do       | cumented      |
|  | Diastolic                        |                   |  |   |            |          |             |                       |             |               |
|  | JVP:                             | O Yes             | O No   |   | O Unk      | now      | 'n          | If Ye                 | es,         | cm            |
| Exam (Closest to                         | Rales:                           | O Yes<br>O No     | O Unknown                                      |   | If<br>Yes, | <b>O</b> | <1/3        | O ≥′                  | 1/3         | O N/A         |
| Discharge)                               | Lower<br>Extremity<br>Edema      | O Yes<br>O No     | O Unknown                                      |   | lf<br>Yes, | 0        | Trace<br>1+ | O 2-<br>O 3-          |             | O 4+<br>O N/A |
|  | Sodium (Na+)                     | O mEq/L           |  | O mmol/L                                    |            | O mg     | O mg/dL □   |                       | Jnavailable |               |
|  | BNP                              |                   | O pg/mL O pi                                   |   | pmol/L Ong |          | O ng/       | g/L Unavailable       |             | Jnavailable   |
|  | Serum<br>Creatinine              |                   |  | 0   | O mg/dL    |          | O µmol/L    |                       | j           | Jnavailable   |
|  | BUN                              |                   |  | 0   | mg/dL      |          | O µm        | ol/L                  |             | Jnavailable   |
|  | eGFR<br>(mL/min)                 |                   |  |   |            |          |             |                       |             |               |
|  | NT-proBNP<br>(pg/mL)             |                   |  |   |            |          | □ Not       | t Docu                | ımen        | ted           |
| Labs (Closest to                         | Potassium<br>(K+)                |                   | O mEq/L  | 0   | mmol/l     | L        | O mg        | /dL                   | ا 🗖 ا       | Jnavailable   |
| Discharge)                               | Urinary<br>Albumin<br>(mg/dL)    |                   |  |   |            | ,        |             |                       | •           |               |
|  | Urinary<br>Creatinine<br>(mg/dL) |                   |  |   |            |          |             |                       |             |               |
|  | Urinary<br>Albumin-to-           |                   |  |   |            |          |             |                       |             |               |
|  | Creatinine                       |                   |  |   |            |          |             |                       |             |               |
|  | Ratio (UACR)                     |                   |  |   |            |          |             |                       |             |               |
|  | (mg/g)<br>Ferritin               |                   |  |   |            |          |             |                       |             |               |
|  | (mg/mL)                          |                   | ☐ Unavailab                                    | le  |            |          |             |                       |             |               |
| DISCHARGE MEDIC                          |                                  |                   |  |   |            |          |             | D                     | ischa       | arge Tab      |

| ACE Prescribed?  | O Yes O No O NC (None-Contra   | aindicated)                           |                      |  |  |  |  |
|--|--|---------------------------------------|----------------------|--|--|--|--|
| ACE Medication/Dosage/Frequency  | Medication:  | Frequency:                            |                      |  |  |  |  |
| Contraindications or Other<br>Documented Reason(s) For Not<br>Providing ACEI:              | □ Contraindicated □ Hypotensive patient who was at immediate risk of cardiogenic shock □ Hospitalized patient who experienced marked azotemia □ Other Contraindications □ Not Eligible □ Not Tolerant □ Patient Reason □ System Reason □ Other Reason                    |                                       |                      |  |  |  |  |
| ARB Prescribed?  | O Yes O No O NC (None-Contra   | aindicated)                           |                      |  |  |  |  |
| ARB Medication/ Dosage/Frequency   | Medication:  | · · · · · · · · · · · · · · · · · · · | Eroguonov:           |  |  |  |  |
| Contraindications or Other Documented Reason(s) For Not Providing ARB:                     | Medication:  Dosage: Frequency:  Contraindicated  Hypotensive patient who was at immediate risk of cardiogenic shock  Hospitalized patient who experienced marked azotemia  Other Contraindications  Not Eligible Not Tolerant Patient Reason System Reason Other Reason |                                       |                      |  |  |  |  |
|  | Ta., a., a., a.  |                                       |                      |  |  |  |  |
| ARNI Prescribed?   | O Yes O No O NC (None-Contra   | 1                                     | Τ_                   |  |  |  |  |
| ARNI Medication/Dosage/Frequency   | Medication:  | Dosage:                               | Frequency:           |  |  |  |  |
| Contraindications or Other Documented<br>Reason(s) for Not Providing ARNI at<br>Discharge: | □ Contraindicated □ ACE inhibitor use within the □ Allergy □ Hyperkalemia □ Hypotension □ Renal dysfunction defined a mg/dL in women □ Other Contraindications □ Not Eligible □ Not Tolerant □ Patient Reason □ System Reason □ Other Reason                             |                                       | g/dL in men or > 2.0 |  |  |  |  |
| Reasons for not switching to ARNI at discharge:  | O Yes<br>O No  | O ARNI was preso                      | cribed at discharge  |  |  |  |  |
| If Yes,  | O NYHA Class I O NYHA Class IV   |                                       |                      |  |  |  |  |
|  |  |                                       |                      |  |  |  |  |
| Beta Blocker Prescribed?   | O Yes O No O NC (None-Contra   | aindicated)                           |                      |  |  |  |  |
| Beta Blocker Class   | <ul><li>O Evidence-Based Beta Blocker</li><li>O Non-Evidence-Based Beta Bloc</li><li>O Unknown Class</li></ul>   | cker                                  |                      |  |  |  |  |
| Contraindications or Other<br>Documented Reason(s) For Not<br>Providing Beta Blockers:     | □ Contraindicated □ Asthma □ Fluid Overload □ Low Blood Pressure □ Patient recently treated with   | an intravenous posi                   | tive inotropic agent |  |  |  |  |

|  | <ul><li>Other Contraindications</li><li>Not Eligible</li><li>Not Tolerant</li></ul>   |   |                              |        |            |  |  |
|--|---|---|------------------------------|--------|------------|--|--|
|  | <ul><li>Patient Reason</li><li>System Reason</li></ul>  |   |                              |        |            |  |  |
| Beta Blocker<br><b>Medication</b> /Dosage/Frequency  | Medication:   |   | Dosage:                      |        | Frequency: |  |  |
|  |   |   |                              |        |            |  |  |
| SGLT2 Inhibitor Prescribed?  | O Yes O No O NC   |   |                              |        |            |  |  |
| OGET2 IIIIIBROTT TESCRIBECT:   | Medication:   | Dosage:                                   |                              | Fred   | quency:    |  |  |
| Contraindications or Other Documented<br>Reason(s) For Not Providing SGLT2<br>Inhibitor:                       | <ul> <li>□ Contraindicated</li> <li>□ Patient currently on dialysis</li> <li>□ Ketoacidosis</li> <li>□ Known hypersensitivity to the medication</li> <li>□ Type I diabetes (not approved for use in patients with Type I diabetes due to increased risk of ketoacidosis)</li> <li>□ Other Contraindications</li> <li>□ Not Eligible</li> <li>□ Not Tolerant</li> <li>□ Patient Reason</li> <li>□ System Reason</li> <li>□ Other Reason</li> </ul> |   |                              |        |            |  |  |
|  |   |   |                              |        |            |  |  |
| Aldosterone Antagonist Prescribed?   | O Yes O No O NC (N  | one-Contra                                | aindicated)                  |        |            |  |  |
| Aldosterone Antagonist Medication/Dosage/Frequency   | Medication:   |   | Dosage:                      |        | Frequency: |  |  |
| Was there a dose increase since prior  |   |   |                              |        |            |  |  |
| to admission?  Potassium ordered or planned after  | O No/ND O Yes   |   |                              |        |            |  |  |
| discharge?   |   |   |                              |        |            |  |  |
| Renal function test scheduled  | O Yes   |   |                              |        |            |  |  |
| Contraindications or Other<br>Documented Reason(s) for Not<br>Providing Aldosterone Antagonist at<br>Discharge | <ul> <li>No/ND</li> <li>Contraindicated</li> <li>Allergy due to aldosterone receptor antagonist</li> <li>Hyperkalemia</li> <li>Renal dysfunction defined as creatinine &gt;2.5 mg/dL in men or &gt;2.0 mg/dL in women.</li> <li>Other contraindications</li> <li>Not Eligible</li> <li>Not Tolerant</li> <li>Patient Reason</li> <li>Other Reason</li> <li>Other Reason</li> </ul>  |   |                              |        |            |  |  |
| A disconnection Theorem Brown Health   | 0 N 0 N 0 NO (N   | 0 1                                       | ·                            |        |            |  |  |
| Anticoagulation Therapy Prescribed?  | ○ Yes ○ No ○ NC (No □ Warfarin  | one-Contra                                |                              | or X a | Inhibitor  |  |  |
| Anticoagulation Therapy Class  | Direct Thrombin   | Inhibitor                                 | □ Other                      |        |            |  |  |
| Anticoagulation Contraindication(s):   | Medication:  Contraindicated Allergy to or current) Risk for blee Serious side Terminal illnee Other Contraindie Not Eligible Not Tolerant  | ding or disc<br>effect to m<br>ess/Comfor | continued due t<br>edication | o blee |            |  |  |

|  | nb |  |  |  |
|--|----|--|--|--|
|  |    |  |  |  |
|  |    |  |  |  |

|  | <ul><li>□ Patient Reason</li><li>□ System Reason</li><li>□ Other</li></ul>   |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
|  |  |  |  |  |  |  |  |  |
| Hydralazine Nitrate Prescribed?  | O Yes O No O NC (None-Contr  | raindicated)   |  |  |  |  |  |  |
| Contraindications or Other<br>Documented Reason(s) For Not<br>Providing Hydralazine Nitrate:                         | □ Contraindicated □ Not Eligible □ Not Tolerant □ Patient Reason □ System Reason □ Other Reasons   |  |  |  |  |  |  |  |
| Anti-hyperglycemic Prescribed?   | O Yes O No O NC  |  |  |  |  |  |  |  |
| Antihyperglycemic Class/Medication   | Class: Class: Class:   | Medication:  Medication:  Medication:                          |  |  |  |  |  |  |
| ACA Dysosyihad2  | O Ves O No. O NO (Ness Contr   | rain diagta d\   |  |  |  |  |  |  |
| ASA Medication/Decage/Fraguency  | O Yes O No O NC (None-Contr<br>Medication:   | <u> </u>   |  |  |  |  |  |  |
| ASA Medication/Dosage/Frequency  | Medication:  | Dosage: Frequency:   |  |  |  |  |  |  |
| Other Antiplatelets Prescribed?  | O Yes O No O NC (None-Contr  | aindicated)  |  |  |  |  |  |  |
| Other Antiplatelets Medication/Dosage/Frequency  | Medication:  | Dosage: Frequency:   |  |  |  |  |  |  |
| Clopidogrel Prescribed?  | O Yes O No O NC  |  |  |  |  |  |  |  |
| Clopidogrel Dosage/Frequency   | Dosage: Frequency:   |  |  |  |  |  |  |  |
|  |  | 1 ' '  |  |  |  |  |  |  |
| huah ya diya a Dya a ayib a dû   | O Yes O No O NC  |  |  |  |  |  |  |  |
| Ivabradine Prescribed?   | I O LES O INO O INC  |  |  |  |  |  |  |  |
| Contraindications or Other Documented Reason(s) For Not Providing Ivabradine:  | Contraindicated Allergy to Ivabradine Patient 100% atrial or ventricular paced Other Contraindications Not Eligible NYHA class I or IV Not in sinus rhythm New Onset of HF Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated Not Tolerant                                     | □ Patient Reasons □ System Reasons □ Other Medical Reasons     |  |  |  |  |  |  |
| Contraindications or Other Documented  | □ Contraindicated □ Allergy to Ivabradine □ Patient 100% atrial or ventricular paced □ Other Contraindications □ Not Eligible □ NYHA class I or IV □ Not in sinus rhythm □ New Onset of HF □ Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated                                | <ul><li>System Reasons</li><li>Other Medical Reasons</li></ul> |  |  |  |  |  |  |
| Contraindications or Other Documented  | □ Contraindicated □ Allergy to Ivabradine □ Patient 100% atrial or ventricular paced □ Other Contraindications □ Not Eligible □ NYHA class I or IV □ Not in sinus rhythm □ New Onset of HF □ Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated □ Not Tolerant □ Yes ○ No ○ NC | □ System Reasons □ Other Medical Reasons                       |  |  |  |  |  |  |
| Contraindications or Other Documented Reason(s) For Not Providing Ivabradine:  Lipid Lowering Medication Prescribed? | □ Contraindicated □ Allergy to Ivabradine □ Patient 100% atrial or ventricular paced □ Other Contraindications □ Not Eligible □ NYHA class I or IV □ Not in sinus rhythm □ New Onset of HF □ Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated □ Not Tolerant                 | <ul><li>System Reasons</li><li>Other Medical Reasons</li></ul> |  |  |  |  |  |  |
| Contraindications or Other Documented<br>Reason(s) For Not Providing Ivabradine:                                     | □ Contraindicated □ Allergy to Ivabradine □ Patient 100% atrial or ventricular paced □ Other Contraindications □ Not Eligible □ NYHA class I or IV □ Not in sinus rhythm □ New Onset of HF □ Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated □ Not Tolerant □ Yes ○ No ○ NC | □ System Reasons □ Other Medical Reasons                       |  |  |  |  |  |  |
| Contraindications or Other Documented Reason(s) For Not Providing Ivabradine:  Lipid Lowering Medication Prescribed? | Contraindicated Allergy to Ivabradine Patient 100% atrial or ventricular paced Other Contraindications Not Eligible NYHA class I or IV Not in sinus rhythm New Onset of HF Not treated with maximally tolerated dose beta blockers or beta blockers contraindicated Not Tolerant  Yes O No O NC Class: Medication:   | □ System Reasons □ Other Medical Reasons □ Dosage: Frequency:  |  |  |  |  |  |  |

| Omega-3 Prescribed?  |                                 | O Yes O No   | ONC                      |              |   |                             |                    |   |
|--|---------------------------------|--|--------------------------|--------------|---|-----------------------------|--------------------|---|
| Other Medications  |                                 |  |                          |              |   |                             |                    |   |
| ☐ Antiarrhythmic (Discha☐ Amiodarone☐ Dofetilide☐ Sotalol☐ Other antiarrhy |                                 | (Discharge) □ Rar □ Digoxin (Discharge) □ Rer □ Diuretic (Discharge) □ Ver □ Loop Diuretic □ Oth |                          |              | nolazin<br>nin Inhi<br>riciguat<br>ner Anti   | bitor (Dis<br>i<br>-Hyperte | scharge)           |   |
| OTHER THERAPIES  |                                 |  |                          |              |   |                             |                    | harge Tab                                       |
| ICD Counseling?  | O Yes                           |  |                          | O No         |   |                             |                    |   |
| Reason for not counseling  | O Yes                           |  |                          | O No         |   |                             |                    |   |
| Documented Medical<br>Reason(s) for Not<br>Counseling?                     | Multi                           | or CRT-D device<br>ple or significat<br>orbidities   |                          |              | other reasons not eligible for ICD (e.g. EF>35%, new onset HF)                      |                             |                    |   |
| ICD Placed or Prescribed?  | O Yes                           |  |                          | O No         |   |                             |                    |   |
| Reason(s) for Not Placing or Prescribing?                                  | O Yes                           |  |                          | O No         |   |                             |                    |   |
| Documented Reason(s) for<br>Not Placing or Prescribing<br>ICD Therapy?     | □ Not<br>thera<br>□ Pati        | traindications<br>receiving optin<br>apy<br>ent Reason<br>tem Reason                             | nal medical              |              | reason  | includi                     | ng AMI ir          | cumented<br>n prior 40 days,<br>n, recent onset |
| CRT-D Placed or Prescribed   | ?                               |  |                          | O Yes        |   | O No                        |                    |   |
| CRT-P Placed or Prescribed?  |                                 |  |                          | O Yes        |   |                             | O No               |   |
| Reason for not Placing or Pr   |                                 |  |                          | O Yes        |   |                             | ON C               |   |
| Documented Reason(s) for<br>Not Placing or Prescribing<br>CRT Therapy?     | ☐ Not<br>thera<br>☐ Not<br>or a | traindications<br>receiving optin<br>apy<br>NYHA functior<br>mbulatory Clas<br>ent Reason        | nal Class III            |              | reason including AMI in prior 40 days, recent revascularization, recent onset of HF |                             |                    |   |
| RISK INTERVENTIONS   |                                 |  |                          |              |   |                             | Discl              | harge Tab                                       |
| Smoking Cessation<br>Counseling Given                                      | O Yes                           |  |                          | 10           |   |                             |                    |   |
| Smoking Cessation<br>Therapies Prescribed (select<br>all that apply)       | ☐ Cou<br>☐ Ove                  | tment Not Spe<br>nseling Only<br>r the Counter N<br>lacement Ther                                | licotine                 |              | Prescri<br>Other  | ption M                     | 1edication         | าร  |
| DISCHARGE INSTRUCTIONS   |                                 |  |                          |              |   |                             |                    | harge Tab                                       |
| Activity Level   | O Yes                           | O No   | Diet (Salt re            | estricted)   |   | O Ye                        |                    | O No  |
| Follow-up  | O Yes                           | O No   | Medications              | 6            |   | O Ye                        |                    | O No  |
| Symptoms Worsening   | O Yes                           | O No   | Weight Mor               |              |   | O Ye                        | S                  | O No  |
| Follow-up Visit Scheduled  | O Yes                           | O No   | Date/Time up visit:      |              | ollow-  | /_                          | /                  | :   |
| Location of first follow-up vis  |                                 |  | O Office Vi<br>O Home He |              | t   |                             | ehealth<br>t Docum | ented   |
| Medical or Patient Reason fo<br>appointment being schedule                 |                                 | ıp   | O Yes                    |              |   | O No                        |                    |   |
| Follow-up Phone Call<br>Scheduled  | O Yes                           | O No   | Date/Time of phone call: | ot tirst fol | low-up  | /_                          | /                  |   |
| Follow-up appointment scheduled for diabetes management?                   | O Yes                           | O No   | Date of dial<br>manageme |              | up visit:   | /_                          |                    | - hove Tab                                      |
| OTHER RISK INTERVENTION  | 3                               |  |                          |              |   |                             | DISC               | harge Tab                                       |

| TLC (Therapeutic Lifestyle Change) Diet   |  | O Yes             | O No | O Not Documented C             |   | O Not Applicable |        |
|---|--|-------------------|------|--------------------------------|---|------------------|--------|
| Obesity Weight Management   |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Activity Level/Recommendation   |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Referred to Outpatient Cardiac Rehab Program  |  | O Yes             | O No | O No                           | ot Documented   | O Not Applicable |        |
| Anticoagulation Therapy Education   |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Was Diabetes Teaching provided?   |  | O Yes             | O No | ON                             | t Documented O Not Applicat   |                  | icable |
| PT/INR Planned Follow-Up  |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Referral to Sleep Study   | O Yes  | O No              | ON   | ot Documented O Not Applicable |   | icable           |        |
| Referral to Outpatient HF Management Program  |  | O Yes             | O No | O Not Documented               |   | O Not Applicable |        |
| Outpatient HF Management Program Type(s):   |  | □Telemanagement □ |      | □н                             | ome Visit   | ☐ Clinic-based   |        |
| Referral to AHA My HF Guide/Heart Failure Interactive Workbook                                      |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Provision of at least 60 minutes of Heart Failure Education by a qualified educator                 |  | O Yes             | O No | ON                             | ot Documented   | O Not Applicable |        |
| Advanced Care Plan/Surrogate Decision Maker Documented Or Discussed?                                |  | O Yes             | O No | O No                           | ot Documented   | O Not Applicable |        |
| Advance Directive Executed  |  | O Yes             |      | O No                           |   |                  |        |
| POST DISCHARGE TRANSITION Discharge Tab   |  |                   |      |                                |   |                  |        |
| Care Transition Record Transmitted  | <ul> <li>By the seventh post-discharge day</li> <li>Exists, but not transmitted by the seventh post-discharge day</li> <li>No Care Transition Record/UTD</li> </ul>                |                   |      |                                |   |                  |        |
|   | ☐ All were included (Check all yes)  |                   |      |                                |   |                  |        |
| Care Transition Record Transmitted Includes   | Discharge Medications  |                   |      |                                |   | O Yes            | O No   |
|   | Follow-up Treatment(s) and Service(s) Needed   |                   |      |                                |   | O Yes            | O No   |
|   | Procedures Performed During Hospitalization  |                   |      |                                |   | O Yes            | O No   |
|   | Reason for Hospitalization   |                   |      |                                |   | O Yes            | O No   |
|   | Treatment(s)/Service(s) Provided   |                   |      |                                |   | O Yes            | O No   |
| During this admission, was a standardized health related social needs form or assessment completed? | O Yes O No/ND  |                   |      |                                |   |                  |        |
| If yes, identify the areas of unmet social need. (select all that apply):                           | <ul> <li>None of the areas of unmet social need listed</li> <li>Education</li> <li>Employment</li> <li>Financial Strain</li> <li>Food</li> <li>Living Situation/Housing</li> </ul> |                   |      |                                | <ul> <li>Mental Health</li> <li>Personal Safety</li> <li>Substance Abuse</li> <li>Transportation Barriers</li> <li>Utilities</li> </ul> |                  |        |