BASICS

- Heart failure is a condition that occurs when the heart cannot pump sufficiently enough to keep up with the body's need for oxygen and blood.
- Due to the importance and complexity of cardiac conditions, details are important when documenting heart failure.
- Due to the causal link with hypertension and heart failure, providers must document the cause if hypertension is not the cause.
- Types of Heart Failure include:

ICD10 Code	Diagnosis
I50.X	Heart Failure (add 4th character:2=systolic, 3=diastolic, 4th=combined
I50.1	Left Ventricular Heart Failure, unspecified
I50.2X*	Systolic (congestive) Heat Failure (Identify acuity)
I50.3X	Diastolic (congestive) Heart Failure
I50.4*	Combined systolic and diastolic (congestive) heart failure (Identify acuity)
I50.81X	Right Heart Failure (add 5th or 6th character: 0=unspecified, 1=acute, 2=chronic, 3=acute or chronic)

ICD10 Code	Diagnosis
I50.82	Biventricular Heart Failure (Also code type of HF)
I50.83	High Output Heart Failure
I50.84	End Stage Heart Failure (Also code type of HF)
I50.89	Other Heart Failure
I50.9	Heart Failure, unspecified

Note: 4th character specifies type of heart failure, and 5th specifies acuity of heart failure.

*If applicable, note end stage HF (I50.84), include descriptor "congestive" as nonessential modifier.

- If applicable code the following with Heart Failure (I50.X)

ICD10 Code	Diagnosis
I09.81	Rheumatic Heart Failure
I11.0	Hypertensive Heart Disease w/ HF
I13.0	Hypertensive Heart and Chronic Kidney Disease w/ HF (CKD: Stage 1-4 or unspecified)**
I13.2	Hypertensive Heart and Chronic Kidney Disease w/ HF (CKD: Stage 5 or End Stage)**

ICD10 Code	Diagnosis
I27.0, .2, .8, .9	Pulmonary Heart Diseases (Specify type)
I42.X	Cardiomyopathy
Z94.1	Heart Transplant Status
Z95.2-.4	Presence of Cardiac and Vascular Implants and Grafts

**Use additional N18.X to code CKD Disease and Stage

Use ALL applicable codes to accurately document a patient's condition, more than 1 can be documented Remember to M.E.A.T. (Monitor, Evaluate, Assess and/or Treat) and document:

- Type (systolic, diastolic)
- Acuity (acute, chronic)
- Disease status (current, resolved) and avoid using "history of"
- Treatment Plan (pharmacological, surgical approaches or lifestyle changes)

- Link cause (eg. Hypertensive Chronic Kidney Disease)
- Ejection Fraction (eg. reduced, preserved)
- Symptoms (fatigue, SOB, edema, murmurs, etc)
- Medications or Contraindications

BEYOND THE BASICS
ICD10 CODING CONSIDERATIONS

COMPLICATIONS
CARDIOMYOPATHY

- Over time, cardiomyopathy can lead to heart failure, heart valve disease, irregular heart rate or blood clots in the heart

ICD 10 Code	Description
I42.0	Dilated
I42.1,.2	Obstructive Hypertrophic / Other Hypertrophic
I42.6	Alcoholic
I42.8	Other Cardiomyopathies
I42.9	Cardiomyopathy, Unspecified
I43	Cardiomyopathy in Disease Classified Elsewhere (Code first underlying disease)

PULMONARY HYPERTENSION (HTN)

- Pulmonary and Secondary Pulmonary HTN should be documented and coded, if applicable
- Note: Acute core pulmonale is not reportable in the absence of pulmonary embolism

ICD10 Code	Description
I27.20	Pulmonary HTN, unspecified
I27.21	Secondary Pulmonary Arterial HTN
I27.22	Pulmonary HTN due to Left Heart Disease
I27.23	Pulmonary HTN due to Lung Diseases and Hypoxia
I27.24	Chronic Thromboembolic Pulmonary HTN
I27.29	Other Secondary Pulmonary HTN

COMORBIDITIES

- Medical conditions that exist at the same time as diagnosis or can increase the risk of heart failure

ICD10 Code	Description
I10	Essential (Primary) Hypertension
I25.X	Coronary Artery Disease
E10.X,E11.X	Diabetes (Type 1, Type 2)
I33.X	Endocarditis
G47.3X	Sleep Apnea
E66.X	Obesity (Include BMI)

RISK FACTORS

- It is important to obtain patient's smoking status when they have heart failure. Also, be sure to document tobacco counseling, treatment or intervention.
- Be sure to document transplants, the absence of angina, implants or grafts if applicable

ICD10 Code	Description
F17.X	Nicotine dependence
Z72.0	Tobacco Use
Z77.22	Contact with and (suspected) exposure to environmental tobacco smoke (acute/chronic)
Z87.891	History of nicotine dependence
Z94.1	Heart Transplant Status
Z95.X	Presence of: Prosthetic Heart Valve (.2), Xenogeneic Heart Valve (.3), Other Heart Valve

ICD10 CODING SCENARIOS

Example	ICD 10 Coding
Patient visit for treatment of heart failure. After study, final diagnosis is documented as acute on chronic diastolic CHF.	•I50.33, Acute on chronic diastolic (congestive) heart failure.
Patient visit for treatment of hypertensive chronic kidney disease (Stage 4) and left ventricular heart failure. Patient also reports history of smoking,	•I13.0, Hypertensive heart and kidney disease with heart failure and stage 1-4 or unsp CKD •I50.1, L vent heart failure. *note is to code first I13._ • N18.4, CKD 4 •Z87.891, H/O smoking (nicotine dependence)
Patient follow up for Chronic Diastolic (congestive) Heart Failure due to hypertension.	•I11.0, Hypertensive Heart Disease with Heart Failure AND •I50.32, Chronic Diastolic (congestive) Heart Failure