

direction: right

```
HF: {  
  label: "Heart Failure\nClinical Syndrome"  
  shape: rectangle  
}
```

```
Abnormalities: {  
  label: "Structural or Functional\nCardiac Abnormalities"  
  shape: rectangle  
}
```

```
Mechanisms: {  
  label: "Impaired Ventricular Function"  
  shape: rectangle  
}
```

```
Filling: {  
  label: "Impaired Ventricular Filling"  
  shape: rectangle  
}
```

```
Ejection: {  
  label: "Impaired Ventricular Ejection"  
  shape: rectangle  
}
```

```
Insults: {  
  label: "Initial Insults"  
  shape: rectangle  
}
```

```
Ischemia: "Ischemic\nMyocardial Injury"  
Pressure: "Pressure Overload\n(Hypertension,\nAortic Stenosis)"  
Volume: "Volume Overload\n(Valvular\nRegurgitation)"  
Cardiomyopathy: "Primary\nCardiomyopathy"  
Myocarditis: "Myocarditis"  
Arrhythmia: "Tachyarrhythmia"  
CHD: "Congenital\nHeart Disease"  
Toxic: "Toxic Injury"  
Infiltrative: "Infiltrative\nDisease"  
Risk: "Cardiovascular &\nSystemic Risk Factors"
```

```
RiskFactors: {  
  label: "Diabetes\nChronic Kidney Disease\nObesity\nAnemia\nChronic  
Inflammation"  
  shape: rectangle  
}
```

```
Insults -> Abnormalities  
Ischemia -> Insults  
Pressure -> Insults  
Volume -> Insults  
Cardiomyopathy -> Insults
```

Myocarditis -> Insults
Arrhythmia -> Insults
CHD -> Insults
Toxic -> Insults
Infiltrative -> Insults
Risk -> Insults
RiskFactors -> Risk

Abnormalities -> Mechanisms
Mechanisms -> Filling
Mechanisms -> Ejection

Filling -> HF
Ejection -> HF