**Below are ICD-10 definitions for our comorbidities**

* TI DM – E10
* TII DM – E11
* Hypertension I10
* CAD - I25 (chronic Ischemic heart disease)
* OSA – G47.33
* **Connective tissue disorder – M30 – M36 is a huge list of different Systemic connective tissue disorders – we could include all.**
* **LV Thrombus – I51.3 However, this does not specify LV thrombus (includes atrium, cardiac in general, endocardial, intramural, ventricle)**
* Developmental Delay – F88 = global developmental delay
* Alzheimer’s disease – G30
* Substance use disorder
  + F11 = Opioid related
  + F12 = cannabis
* **Retinal degeneration –** 
  + **H32 = chorioretinal disorders in diseases classified elsewhere**
  + **H33 = retinal detachments and breaks**
* Aortic aneurysm
* **DVT – I82.5 – Chronic embolism and thrombosis of deep veins of the lower extremity**
* COPD –
  + J42, J43, J44
* Pulmonary hypertension
  + I27.0 = primary pulmonary hypertension
  + I27.2 = other secondary pulmonary hypertension
    - Includes
      * I27.20
      * I27.21
      * I27.22
      * I27.33
      * I27.24
      * I27.29
* Stage I CKD – N18.1
* N18.9 = unspecified.