

Procedures List:

**Enteral infusion of concentrated nutritional substances**

- icd\_code = 966
- procedure\_count = 826

Supplies nutrients to patients through a feeding tube. Can be used on stroke patients when they are unable to swallow, since it puts the nutrients right onto the tract.

**Venous catheterization, not elsewhere classified**

- icd\_code = 3893
- procedure\_count = 675

Used to transfer fluids (blood transfusions, medication) to the patient.

**Arteriography of cerebral arteries**

- icd\_code = 8841
- procedure\_count = 664

Xray of blood vessels in the brain. Would make sense to use on a stroke patient, maybe instead of a CT scan?

**Introduction of Nutritional Substance into Upper GI, Via Natural or Artificial Opening**

- icd\_code = 3E0G76Z
- procedure\_count = 663

Similar to enteral infusion above, could help with stroke patients.

**Endarterectomy, other vessels of head and neck**

- icd\_code = 3812
- procedure\_count = 658

“A surgical procedure to remove the atheromatous plaque material, or blockage, in the lining of an artery constricted by the buildup of deposits.” Carotid endarterectomy is used to prevent strokes and to reduce risk of additional strokes after a first stroke. (carotid artery is in the neck)

**Insertion of endotracheal tube**

- icd\_code = 3812
- procedure\_count = 574

Tube inserted to help the patient breath. Is used with stroke patients.

**Continuous invasive mechanical ventilation for less than 96 consecutive hours**

- icd\_code = 9671
- procedure\_count = 547

Helps to stabilize breathing after respiratory failure (for a short period of time?). Is probably used for stroke patients to help with breathing.

**Diagnostic ultrasound of heart**

- icd\_code = 8872
- procedure\_count = 527

Ultrasound images of the heart. Is used in stroke treatment to identify causes and to prevent further strokes

**Extracorporeal circulation auxiliary to open heart surgery**

- icd\_code = 3961
- procedure\_count = 511

Helps circulate blood instead of the heart. Often used for heart surgery.

**Coronary arteriography using two catheters**

- icd\_code = 8856
- procedure\_count = 505

Xray using dye to see blood pathways. Would make sense to use for a stroke treatment.

**Insertion of Infusion Device into Superior Vena Cava, Percutaneous Approach**

- icd\_code = 02HV33Z
- procedure\_count = 486

**Continuous invasive mechanical ventilation for 96 consecutive hours or more**

- icd\_code = 9672
- procedure\_count = 486

Helps to stabilize breathing after respiratory failure. Is probably used for stroke patients to help with breathing.

**Central venous catheter placement with guidance**

- icd\_code=3897
- procedure\_count = 444

Tube placed in a vein in the neck to give fluids, blood, medication to the patient.

**Insertion of Endotracheal Airway into Trachea, Via Natural or Artificial Opening**

- icd\_code = 0BH17EZ
- procedure\_count = 346

Tube placed near the trachea to prevent lungs from contamination and to provide oxygen to the lungs