Decreasing Incidence of Neck Hematomas after Thyroid and Parathyroid Surgery

Background

Neck hematomas may be a complication after thyroid and parathyroid surgery and may carry severe morbidity and possible mortality.

Purpose

Develop a perioperative protocol & order set to define and manage neck hematoma risk factors (BP control and PONV, extubation, pain control, etc.) throughout the perioperative period.

Investigation Methods

- **Chart Review** 1/1/2021 – 12/31/2022
- **Patient Population:** All Thyroid & Parathyroid surgeries (851 cases)

Overview of Thyroid and Parathyroid Surgeries

| Baseline Total Cases - Patients Receiving a Thyroid/Parathyroid Surgery | 851 |
| Thyroid/Parathyroid Surgery Cases - No Neck Hematoma | 845 (99.29%) |
| Thyroid/Parathyroid Surgery Cases - Neck Hematoma | 6 (0.71%) |

Future Directions

- Finalize Epic orderset
- Trial Epic orderset
- Continue to collect data and perform QA reviews with incident cases
- Continue conversations with surgical colleagues

References