









Data Sources

Maine Health Data Organization (MHDO): established by Maine Legislature in 1996 to collect clinical and financial healthcare information and exercise stewardship in making the data accessible to the public:

- Maine All-Claims Database: one of the oldest all-payer, allclaims databases in the nation, with a primary goal of creating consistency in collection standards, codes and methodology
- Maine Hospital Discharge data
- · Maine death certificates primary cause of death

Get With the Guidelines – Stroke: ASA Regional and Maine Hospital GWTG databases for comparison to claims results





























Baseline Findings – Surgical Procedures

Surgical Procedures

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	Endartarectomy (%)
Diagnosis Ischemic (N=5,281) Hemorrhagic (N=1,411) TIA (N=1,711) Other CV dx (N=3,799	1.4% (n=75) 0.1% (n=1) 1.1% (n=19) 51.4%* (n=1,951)
Age Group 0-44 (N=242) 45-64 (N=1,866) 65-74 (N=3,217) 75+ (N=6,877)	0.4% (n=1) 21.0%* (n=391) 27.3%* (n=878) 11.3% (n=776)
Gender Female (N=6,421) Male (N=5,781)	12.6% (n=808) 21.4%* (n=1,238)
Region North (N=6,894) South (N=5,023)	16.3% (n=1,121) 17.7%* (n=890)

• Rates for endartarectomy were very low among stroke admissions – considerably higher among "other CV diagnoses"

• Males had considerably higher rates of endartarectomy*, as did those up to age 75*, then numbers decreased significantly

• Those in the northern region were significantly less likely to receive endartarectomy*

• Rates of stent insertion were extremely low throughout all populations and regions, and therefore not presented here





Conclusions and Next Steps

➤ Conclusions:

Claims data can be a reliable source in guiding ongoing stroke systems work. The data are readily available, at low cost, and include state-wide representation of multiple stroke diagnosis and treatment metrics

- > Next Steps:
- Use findings to inform ongoing stroke systems work and assist with addressing identified gaps
- Expand scope of claims analysis request for Phase II stroke claims data has been submitted to MHDO, which will include Medicaid and fiscal data

