

# Managing Risks

- Is Chiropractic Adjustment associated with stroke or arterial dissection?
- What is the risk in the population at large? Prevalence of Stroke/ Dissection?

## Annual incidence of

- Carotid Artery Dissection (CAD) 2.5 - 3 per 100,000
- Vertebral Artery Dissection (VAD) 1 - 1.5 per 100,000
- Dissections account for 2% of ischemic strokes

\*Church Study of 2016 (conducted by a team of Neurosurgeons at Penn State)

Population of 324.7 million in the US ([www.census.gov](http://www.census.gov))

8,929 CAD's + 4,058 VAD's = 12,987 total annual dissections

Approx 260 Total Strokes in the US resulting from all dissection causes