## COST-EFFECTIVENESS OF CHIROPRACTIC CARE October 2022

## Anthony L. Rosner, Ph.D., LL.D.[Hon.] Outline

- I. Economic burden of low back and neck pain:
  - A. Spending and Gross Domestic Product burden:
  - B. Significant cost drivers of medical costs:
    - 1] Prescription medications.
    - 2] Wider use of expensive drugs.
    - 31 Spine surgeries
    - 4] Hospital care.
    - 5] Outpatient visits.
    - 6] Medical imaging and diagnostic tests.
    - 7] Spinal injections.
    - 8] Back and nevk problems.
    - 9] Medical errors.
  - C. Chiropractic alternative.
- II.Utilization of chiropractic
- III.Relative efficacy of chiropractic care:
  - A. Reduction of surgery and early MRI.
  - B. Reduction of disability.
  - C. Chiropractic care: Substitution or add-on?
- IV. Methodological concerns:
  - A. Minimal criteria.
  - B. Common deficiencies.
- V. Factors affecting costs with chiropractic utilization:
  - A. Chiropractors as first point of contact.
  - B. Reduction of surgery and hospitalizations.
  - C. Reduction of prescription use, including opioids.
  - D. Reduction of over-the-counter medication.
  - E. Reduction of imaging
  - F. Proposed reduction of spinal injections.
  - G. Combined categories.
- Vi. Obstacles to cost savings and chiropractic utilization:
  - A. National.
  - B. Oregon.
  - C. Georgia.
  - D. New Jersey.
- Vil. Leading studies:
  - A. Databases from insurers and practitioners.
  - B. Databases from workers' compensation studies and employers.
  - C. Databases from clinical studies.
  - D. Data from Medicare and Medicaid studies.
  - E. Economists' projection of cost-effectiveness of chiropractic expansion.

VIII. Rebuttals:

19, 453 words

53 pages