

**Southern Ontario College of Osteopathy  
Thoracic Region.  
Osteopathic clinical assessment and treatment including the major osteopathic techniques.  
(Course outline)  
23 Hours**

1. Review of the anatomy and physiology of the thoracic region
2. Biomechanics of the thoracic spine and ribs with Fryette spinal mechanics principles
3. Radiography of the thoracic spine
4. Embryological origins of the topographical and functional anatomy of a spinal cord segment
5. Segmental innervation (Dermatomes, Myotomes, Sclerotomes)
6. Autonomic nervous system
7. Peripheral nervous system
8. Pathology of thoracic region
  - A. Scoliosis
  - B. Osteoporosis
  - C. Scheuermann's Disease
  - D. Degenerative processes (osteochondrosis)
    - Reflectory syndromes
      - Thoracic outlet syndrome
      - Thoracoalgia (M. intercostalis, M. iliocostalis thoracis, M. serratus posterior inferior, M. multifidi and rotatores)
  - E. Post-traumatic changes
  - E. Inflammatory processes (osteoarthritis etc.)
  - F. Oncology
  - G.
9. Osteopathic assessment of thoracic region

- General assessment
- Intersegmental motion testing
- Ribs motion testing

10. Osteopathic structural diagnosis

11. Muscle Energy Techniques for the treatment of thoracic region

12. Soft Tissue Techniques for the treatment of thoracic region

13. Functional Technique for the treatment of thoracic region

14. Counterstrain for the treatment of thoracic region

15. Facilitated Positional Release for the treatment of thoracic region

16. Oscillatory Techniques for the treatment of thoracic region

17. Ligamentous Articular Strain Techniques for the treatment of thoracic region

18. Techniques of Still for the treatment of thoracic region