

Logan University Presentation Proposal
Homecoming 2025

Title: A Chiropractic Understanding of Temporomandibular Dysfunction (TMD)

Abstract: It is thought that 10 – 30 million people in the US alone suffer from some degree of TMD. Many of the medical interventions are ineffective if not tragic in their outcomes. It appears that many of these cases are the result of mechanical distortions that can be effectively treated through chiropractic. The variety of published studies and personal clinical research have afforded a viable construct of an etiology of TMD. Understanding the distortion all complexes and the available research can give practitioners insights into helping patients suffering from this potentially disabling condition.

Learning Objectives: Attendees will first be introduced to some of the pathophysiology of TMD. The structural and neurological implications will be outlined providing attendees with a valuable understanding of this condition and insights into safe and effective therapeutic measures.

Outline: Hour One

- Structural distortions and the temporomandibular joint complex.
- The brief overview of TMJ anatomy and physiology.
- Developmental considerations and anatomical deformity.
- TMD and spinal/pelvic implications.

Hour two

- Evaluation and treatment for TMJ vertical dimension.
- Evaluation and treatment of TMJ rotation.
- Evaluation and treatment of TMJ translation.
- Evaluation and treatment of TMJ disc disturbance.