## CAL CHIRO Neuro-Skeletal Geometry: Analysis & Adjusting Phenomenon

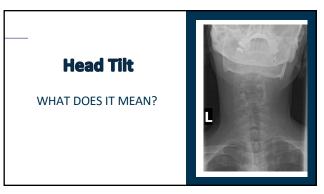
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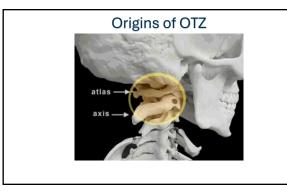
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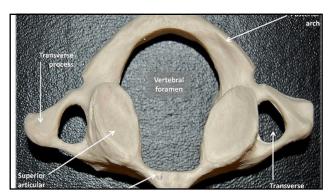
Introduction & Overview of the Session History of Neuro-Skeletal Geometry Origins & Development Key Milestones in the Field Theoretical Foundations

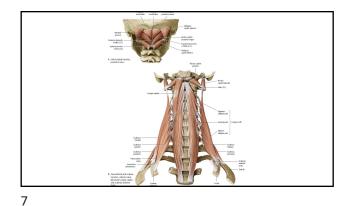
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# What is in a Head Tilt?



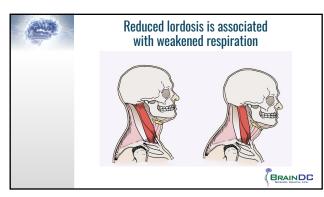




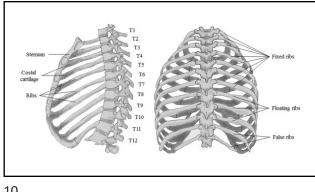




Lower cervical Spine C3-C7 – Coupling
On lateral bending the spinous processes go to the covexity of the curve
C2-2° of coupled axial rot for every 3° of lateral bending
C7-2° of coupled axial rot for every 7.5° of lateral bending
Angle of incline of the facet joints in the sagittal plane increases cephalocaudally

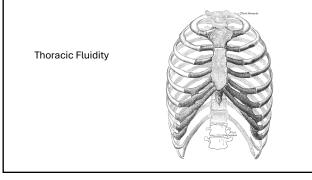




















Theoretical Foundations Basic Principles of NSG Relationship with Traditional Chiropractic Practices Recent Advancements in the field Neuro-Skeletal Examination Techniques Overview of Examination Procedure Demonstration

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### Effect sizes for changes in health and well-being following treatment with the One-to-Zero (OTZ) Technique in individuals with occipito-atlantal joint dysfunction

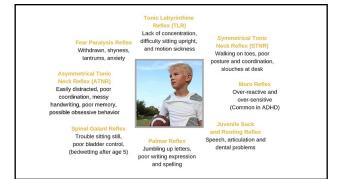
**Methods:** Twenty patients, presenting with an articular dysfunction at the occipito-atlantal (C0 - C1) complex, completed on-line questionnaires that assessed aspects of the biopsychosocial model of pain, at baseline and post OTZ treatments using Google Forms. The questionnaires included: (1) Demographic and **Health Behavior Survey**, (2) **Neck Bournemouth Questionnaire** (NBQ) or **Neck Disability Index** (NDI), (3) **Beck Anxiety Index** (BAI), (4) **Insonnia Severity Index** (ISI), and (5) **36-Item Short Form Health Survey** (SF-36). Paired t-test or Wilcoxon Signed Ranks Test was performed, dependent on normality. Cohen's d values were calculated for each questionnaire score (0.20 indicative of small,  $\geq 0.50$  medium, and  $\geq 0.80$  large ES).

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**Results:** The NDI and NBQ scores decreased (both large ES (d = 1.75 & d = 2.32, respectively)). Levels of anxiety, and severity of insomnia decreased (d = 1.21 & d = 0.73, respectively)). All subscales and component summary scores of the SF-36 significantly increased, with the physical and mental component summary having a large (d = 0.88) and small ES (d = 0.35), respectively.

**Conclusion:** Changes in various aspects of the biopsychosocial model suggest that the OTZ treatment model has the potential to improve functionality, psychosocial factors and quality of life in those with an articular dysfunction at the C0-C1 joint complex.























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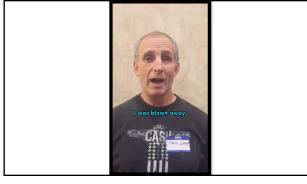
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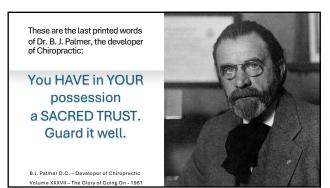
### Review of Real Case Scenarios

Video Demonstrations of Treatment Techniques Discussions & Insights Practical Demonstration of Technique, Hands on Session









T ime always has and always will perpetuate those. Chiropractic is no exception to the rule. My

illustrious father placed this trust in my keeping, to keep it pure and unsullied or defamed. I pass it on to you unstained, to protect, as he would have you do. As he passed on, so will I. We admonish you to keep this principle and practice unadulterated and unmixed. Humanity needed then what he gave us. You need now what I give you. Out there in those great open spaces are multitudes seeking what you reverse possess.

The burdens are heavy; responsibilities are many; obligations are providential; but the satisfaction of traveling the populated highways and byways, relieving suffering and adding millions of years to millions of suffering people, will bring forth satisfaction and glories with greater blessings than you think. Time is of the essence.

May God flow from above-down His bounteous strength, courage and understanding to carry on; and may your Innate receive and act on that free flow of Wisdom from above-down; inside-out... for you have in your possession a Sacred Trust. Guard it well.

B.J. Palmer D.C. - Developer of Chiropractic Volume XXXVII – The Glory of Going On - 1961

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