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Disclosures 1. With respect to my presentation, I do not have any financial arrangement or affiliations with any corporate organization(s) offering financial grants or support or development or sales of products to be discussed in this CME Program.

Objectives

- Understand the value of Osteopathic treatment in the pediatric population
- Increase interest in OMT for pediatric patients
- Understand and discuss key concepts when evaluating and treating pediatric patients with OMT
- Recognize the importance of identifying red flags and contraindications to OMT
- Identify common conditions amenable to OMT
- Be able to discuss balance ligamentous tension technique and the application to pediatric patients
- Introduce/review techniques that address the occipital condyles, sinuses, mandibular area/Eustachian tube, sympathetic chain, abdominal diaphragm, and pelvis.

Every points Osteopathic tenets Biopsychosocial aspects The child is not just a "small adult" - Anatomy and physiology Developmental anatomy Muscles, bones, joints Wolf's law "As the twig is bent, so is the tree inclined" ~ William Sutherland, DO Fryette's principles do not apply to newborns and infants Good history and physical → appropriate assessment and plan Red flags and contraindications Choosing appropriate technique(s)









Condylar decompression



JAOA OMT Minute: Condylar Decompression Technique for Infants link: https://www.youtube.com/watch?v=q7Nd_vwzEt4



Galbreath technique



* Can do seated as well * Contraindicated or caution with TMJ d/o evaluate if unsure * Can stabilize as seen in picture or on opposite side of head – just beware not to compress or cause unwanted effects with stabilizing hand - Warn about possible drainage - Ask patient to relax mouth open - medial, inferior, slight anterior motion of mandible

Auricular drainage



* Can do seated as well * Contraindicated or caution with TMJ d/o evaluate if unsure * Can stabilize as seen in picture or on opposite side of head - just beware not to compress or cause unwanted effects with stabilizing hand - Warn about possible drainage - Engage tissue to temporal bone and gently move clockwise until release felt, then counter-clockwise until release felt



Rib raising – 2 handed seated or supine - remember anatomy of pediatric rib angles - must have good head control to perform seated



Stabilize at anterior axilla anteriorly, do not compress



Engage rib angles anterior and gentle lateral traction



Abdominal diaphragm technique



- Cephalad thumb: gently engage area below xiphoid

- Caudal thumb: gently engages abdominal area below cephalad thumb and above umbilicus and provides traction inferiorly



Sacrum/innominate evaluation and treatment, BLT



Sacral contact demonstration – with cephalad hand *note: this is opposite hand placement for adults



Inhalation/cranial flexion – external rotation of innominates, sacrum counternutates (extends). Exhalation/cranial extension – internal rotation of innominates, sacrum nutates (flexes)







