

**Chiropractic and Acupuncture  
@ MOI**

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**Development of the New Comprehensive Spine Center**

- When planning began for the new Comprehensive Spine Center at MOI, (2015-2016) MU Health decided the center could not be truly comprehensive unless chiropractic and acupuncture services were included.
- The Chiropractic Department at MOI opened in May 2017.
- In July of 2017 the Joint Commission on Hospital Accreditation issued a statement recommending its members introduce chiropractic and acupuncture into their service lines.

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**What Constitutes a Chiropractic Case**

- Neuro-musculoskeletal complaints of the spine and extremities
  - The three most common complaints are lower back pain, neck pain, headaches
- PM&R and chiropractic share the same patient population. The two fields just offer different approaches/treatments.
- This is also true for acupuncture
  - Acupuncture at MOI does not include complaints for systems other than NMS.
- Age ranges for C & A =
  - From 13 YOA and beyond
  - 12 and under go to Peds
  - Nation wide the average patient is in their 40s
  - Some chiropractors do treat children under 12, I don't choose to

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**Safety**

- Chiropractic
  - Stroke
    - Damaged vertebral artery in cervical surgery = .06%
    - Damaged vertebral artery in cervical manipulation = .000025% (1 in 400,000)
  - High velocity-low amplitude
  - A key point to remember for manipulation is that it is leverage, not force
  - Chiropractic has the lowest malpractice premiums in healthcare
  - 94% of Manipulations performed in the US are performed by doctors of chiropractic
    - Chiropractic vs. osteopathy vs. physical therapy

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**Safety**

- Acupuncture
  - Allergies to latex
  - Fear of the sight of needles and/or blood
  - Skin conditions
  - Areas of decreased sensation
  - No additional malpractice premium for chiropractic acupuncturist

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**Chiropractic Care**

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### Evaluation and Management

Chiropractic and Acupuncture

- **New Patient-Initial**
  - History (Primary for Acupuncture)
  - **Physical Examination**
    - Palpation
      - Pain assessment
      - Asymmetry
      - Range of motion
      - Tissue tone/tension
    - Neurological tests
    - Orthopedic tests
    - Exams specific to chiropractic techniques
  - Imaging
- **Established-Follow-up**
  - History
  - **Physical Examination**
    - Palpation
      - Pain assessment
      - Asymmetry
      - Range of motion
      - Tissue tone/tension
    - Exams specific to chiropractic techniques
  - Others as necessary

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### Methods of Care

- **Manipulation**
  - Diversified
    - Traditional Manipulation by Hand
  - **Drop Table Techniques**
    - Manipulation by tables that use moving mechanisms to provide leverage. This reduces the degree of force necessary)
  - **Instrument Assisted Manipulation**
    - Spring loaded or electrical instruments that deliver the force of the manipulation
  - **Soft Tissue Manipulation**
    - Muscle techniques/trigger point therapy
  - **Extremity Manipulation**
    - Ribs, TMJ etc.

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### Methods of Care

- **Other Modalities**
  - Therapeutic Ultrasound
  - Interferential Current
  - Electrical Muscle Stimulation
  - Exercise Rx/Stretching
  - Ergonomic Instruction

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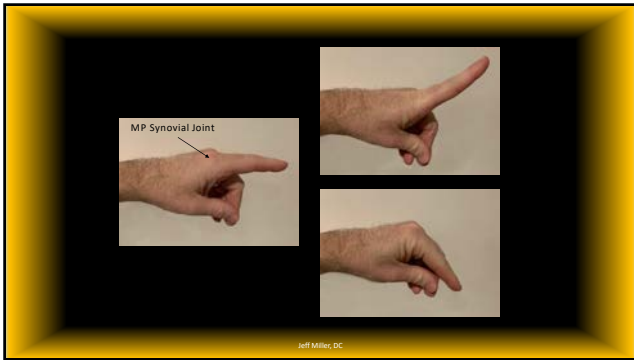
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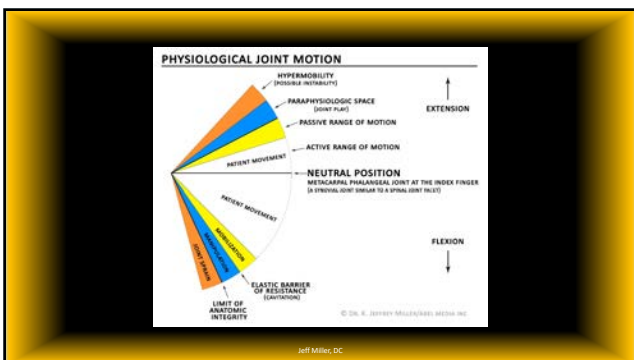
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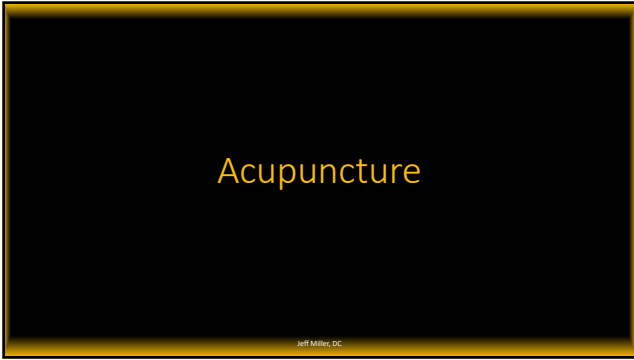
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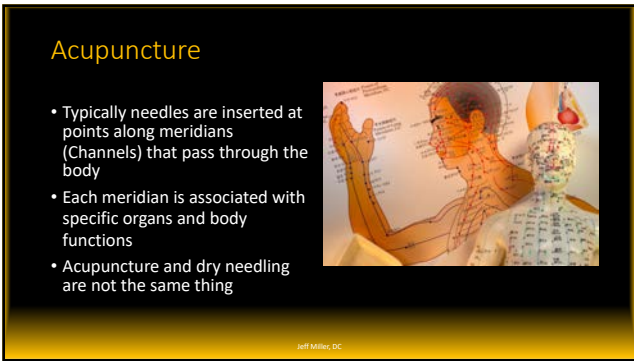
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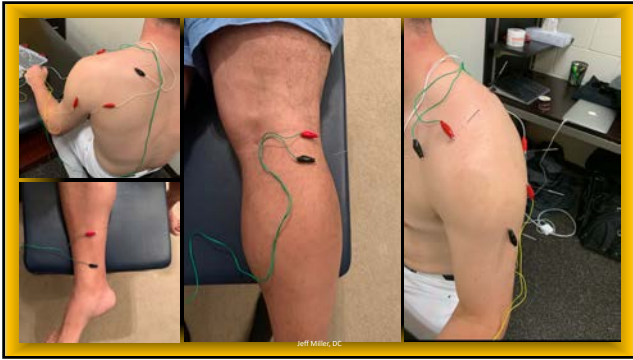
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### Acupuncture

- There are other methods for stimulating acupuncture points along the meridians

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### Acupuncture Point Stimulation – Gua Sha (Scraping, Garston)



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### Acupuncture Point Stimulation – Cupping

Stationary



Gliding



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### Plans of Care

- Visits per case are averaging 10-12 visits for chiropractic care
- Visits per case are averaging 8-10 visits for acupuncture

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### Referrals for Chiropractic Care

- Generally there are no referrals necessary. Almost all carriers pay for chiropractic care.
- Acupuncture is usually has limited coverage and patients are considered to be cash.
- Medicaid is an exception to referrals. A referring doctor must send a referral to Medicaid through the Medicaid system. Once the referral in the system and MOI can confirm the referral, the patient can be scheduled.

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### Referrals for Chiropractic Care (Medicare)

- Medicare does not require a referral but, they *do not* cover the initial chiropractic visit/evaluation and do not reimburse for imaging ordered by a chiropractor. It is helpful if chiropractic care is recommended to a patient that they patient has imaging of the spinal areas of complaint that is less than one year old.
- Additionally, while extremity conditions are treated by most chiropractors. Extremity care *is not* covered by Medicare. Unless the pain is associated with spinal dysfunction (radiculopathy, referred pain)

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