



Enhancing OMT Training With Videos

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Abstract:

Utilization of osteopathic manipulative treatment (OMT) by D.O students and physicians declines with advancing levels of training. Video technology can enhance training in osteopathic diagnosis and treatment in numerous ways and at multiple levels. A DVD of interactive OMT videos titled *Manipulation in Motion* was designed, developed, and published by the West Virginia School of Osteopathic Medicine from 2006-2008. Two hundred and thirty eight videos of structural examination and OMT were recorded and enhanced by step-by-step textual descriptions, voice overlays providing tips for effective application, and interactive menus for **Treating a Region, Learning a Modality, Treating an Illness, and Finding a Technique.** The videos are posted on a WVSOM password protected website for student access and downloading. The enhanced videos are published as a DVD set *Manipulation in Motion* which has been distributed to the WVSOM library, classroom computers, admissions recruiters, pre-clinical faculty, OSCE coordinator, state-wide campus assistant deans, OPTI site directors, and residency directors. DVDs are sold through the WVSOM bookstore.

Applications For OMT Videos:

- ✓ **Admissions recruiting OMT demonstrations**
- ✓ **Pre-clinical lecture enhancement**
- ✓ **Pre-clinical lab demonstration**
- ✓ **Pre-clinical lab review and practical exam preparation**
- ✓ **Pre-clinical lab make-ups**
- ✓ **OSCE simulated patient training**
- ✓ **OSCE student preparation**
- ✓ **OSCE OMT remediation**
- ✓ **Clinical rotation student OMT review**
- ✓ **Clinical rotation state-wide campus OMT training**
- ✓ **COMLEX-PE OMT review**
- ✓ **COMLEX-PE OMT remediation**
- ✓ **CME program OMT teaching**

Results:

Manipulation in Motion is being utilized for skill demonstration in first and second year osteopathic principles and practice lectures and labs. Students use the DVDs for make-up of missed labs and to review techniques in preparation for laboratory checkouts and practical exams. Admissions recruiters are using it for educating potential applicants about OMT. The DVD is being provided to WVSOM state-wide campus Assistant Deans, Mountain State OPTI site coordinators, and residency program directors as a teaching tool for preceptors and instructors and a learning resource for rotating students, interns, and residents. It will be used as part of OMT workshops for WVSOM CME programs.

