

**Osteopathic  
Manipulative Treatment**

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**Active**

**Sham**

**Ultrasound Physical  
Therapy**

**Active**

Group A  
OMT  
UPT  
(n=122)

Group B  
Sham OMT  
UPT  
(n=122)

**Sham**

Group C  
OMT  
Sham UPT  
(n=122)

Group D  
Sham OMT  
Sham UPT  
(n=122)

\*OMT denotes osteopathic manipulative treatment;  
UPT, ultrasound physical therapy.