

A.T. Still Research Institute

"Advancing patient care and wellness through development and support of premier osteopathic research"

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MULTICENTER OSTEOPATHIC PNEUMONIA STUDY IN THE ELDERLY (MOPSE)

MOPSE is the first multicenter osteopathic clinical trial ever to test the benefits of osteopathic manipulative treatment (OMT) for an infectious, disease-related condition. This three-year study combined the resources of private health foundations with the efforts of the national Osteopathic Research Center (ORC) and A.T. Still University (ATSU) to form a management team that conducted a five-site, randomized, double-blinded, prospective, controlled, hospital-based clinical trial to evaluate the efficacy of adjunctive OMT to improve outcomes for the elderly hospitalized with pneumonia. As the medical field moves closer to an evidence-based system of funding, this study is presumed to be the first of many of its kind designed to provide scientific evidence in support of the most effective treatment protocols. Since most of the existing literature concerning the efficacy of OMT is anecdotal in nature, there is a clear and present need for a greater degree of scientific investigation in osteopathic research and MOPSE is our first step in this endeavor.

The study is being conducted at five different sites across the United States, to include Kirksville, MO; Fort Worth, TX; Mt Clemens, MI; Stratford, NJ; and Columbus, OH. There were a total of 3,426 patients screened and 406 subjects enrolled in the study from March 1, 2004, through February 21, 2007. The protocol treatments were provided by 20 OMM specialists and 77 residents specifically trained to perform the study's protocol by Dr. Donald Noll, principal investigator, and Dr. Brian Degenhardt, co-investigator of the project. The final post-study surveys will be completed at the end of April, 2007. The target date for locking the database is the end of May, 2007 with the article reporting the main outcomes of the study submitted for peer review by November of 2007.

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MOPSE is funded by a consortium of osteopathic supportive foundations including:

- ◆ Brentwood Foundation (Ohio)
- ◆ Colorado Springs Osteopathic Foundation (Colorado)
- ◆ Foundation for Osteopathic Health Services (Maryland)
- ◆ Muskegon General Osteopathic Foundation (Michigan)
- ◆ Northwest Oklahoma Osteopathic Foundation (Oklahoma)
- ◆ Osteopathic Founders Foundation (Oklahoma)
- ◆ Osteopathic Institute of the South (Georgia)
- ◆ Osteopathic Heritage Foundation (Ohio)
- ◆ Quad City Osteopathic Foundation (Iowa)

The national Osteopathic Research Center (ORC) at the University of North Texas Health Science Center (UNTHSC) has been contracted by these foundations to provide administrative, fiscal, and scientific oversight for A.T. Still University of Health Sciences (ATSU) in its primary role of coordinating this multicenter clinical trial.

Participating research sites include:

- Mount Clemens Regional Medical Center in Mt. Clemens, Michigan
- ATSU in association with Northeast Regional Medical Center in Kirksville, Missouri
- University of Medicine and Dentistry of New Jersey (UMDNJ) in association with Kennedy Memorial Hospitals-University Medical Center in Stratford, New Jersey
- Doctors Hospital in Columbus, Ohio
- UNTHSC in association with Plaza Medical Center and John Peter Smith Health Network in Fort Worth, Texas

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