

Item 1 of 1

1. J Am Osteopath Assoc. 2006 Jun;106(6):327-34.

Osteopathic evaluation and manipulative treatment in reducing the morbidity of otitis media: a pilot study.

[Degenhardt BF](#), [Kuchera ML](#).

A.T. Still University of Health Sciences, 800 W Jefferson St, Kirksville, MO 63501-1443, USA. bdegenhardt@atsu.edu

Comment in:

- [J Am Osteopath Assoc. 2007 Jul;107\(7\):278-9.](#)
- [J Am Osteopath Assoc. 2007 Jul;107\(7\):277-8.](#)

Abstract

OBJECTIVE: To study the effects of osteopathic manipulative treatment in routine pediatric care for children with recurrent acute otitis media.

STUDY DESIGN: Pilot cohort study with 1-year posttreatment follow-up. At follow-up, subjects' parents or legal guardians and their referring and/or family physicians were contacted to determine recurrence of otitis media since intervention. Subjects: A referred and volunteer sample of pediatric patients ranging in age from 7 months to 35 months with a history of recurrent otitis media (N=8).

INTERVENTION: For 3 weeks, all subjects received weekly osteopathic structural examinations and osteopathic manipulative treatment. This intervention was performed concurrently with traditional medical management. Results: Five (62.5%) subjects had no recurrence of symptoms. Of the three remaining subjects in this cohort, one had a bulging tympanic membrane, another had four episodes of otitis media, and the last underwent surgery after recurrence at 6 weeks posttreatment. Closer analysis of the posttreatment course of the last two subjects indicates that there may have been a clinically significant decrease in morbidity for a period of time after intervention.

CONCLUSION: The present study indicates that osteopathic manipulative treatment may change the progression of recurrent otitis media, a finding that supports the need for additional research in this area.

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PMID: 16790538 [PubMed - indexed for MEDLINE]



MeSH Terms:

- Acute Disease
- Child, Preschool
- Cohort Studies
- Female
- Follow-Up Studies
- Humans
- Infant
- Male
- Manipulation, Osteopathic/methods*
- Morbidity
- Otitis Media/economics
- Otitis Media/epidemiology
- Otitis Media/therapy*
- Patient Selection
- Pilot Projects
- Questionnaires
- Recurrence/prevention & control
- Treatment Outcome
- United States/epidemiology