

**"Call for Poster Presentations at the MPTA Anniversary Spring Meeting"**  
**April 17-19, 2009**  
**Lodge of Four Seasons Resort, Lake Ozark, MO**  
**Submission Deadline: Friday, February 13, 2009**

Submit abstracts to Carol Kemna via email: [ckemna@bardgett.net](mailto:ckemna@bardgett.net)

Abstracts for posters in the following categories will be considered:

- 1) Research Reports
- 2) Evidence in Practice

**Category 1: Research Reports**

A. Criteria for Submission

1. Research reports must be presentations of original scientific data collected by the author(s). Any established research format may be used (eg, clinical trials, descriptive studies, single-subject designs, case reports, qualitative methods, systematic reviews, etc).
2. Abstracts for research reports (except case reports) should include the following information:  
**Title:**  
**Author(s):** Please underline the presenting author  
**Institution(s):**  
**Purpose/Hypothesis:**  
**Subjects:**  
**Methods and Materials:**  
**Results:**  
**Conclusions:**  
**Funding Source:** Please acknowledge any source of funding or support for the research, and if any of the authors have any potential for material gain as a result of the study.
3. Abstracts for poster case reports should include the following information:  
**Title:**  
**Author(s):** Please underline the presenting author  
**Institution(s):**  
**Background and Purpose:**  
**Case Description:**  
**Outcomes:**  
**Discussion:**  
**Funding Source:** Please acknowledge any source of funding or support for the course, and if any of the authors have any potential for material gain as a result of the study.

4. **All abstracts submissions must include contact information (name, phone number and email address) for a contact person who can be reached up until the time of the conference.**
5. **If the abstract has been previously peer reviewed and accepted for presentation elsewhere, provide the name and date of the presentation.**

B. Sample Abstract

See January 2006 Issue of *J Orthop Sports Phys Ther* for examples of published abstracts of Research Reports.

### **Category 2: Evidence in Practice**

In the January 2002 journal of Physical Therapy, the APTA started a new series entitled “Evidence in Practice”. The purpose of the series is to help busy practitioners learn how they can access evidence in a practical and effective manner and to illustrate how to find the available evidence to answer meaningful clinical questions. It is in hopes that practitioners will see how they can harness their enthusiasm by developing answerable questions and seeking new knowledge. The end results are intended to enhance the science underlying care and, even more importantly, increase the effectiveness of our practice. (Rothstein JM. Editor’s Note: Opportunities. *Phys Ther.* Jan 2002: 82.1).

The MPTA research committee as of 2002 started accepting “Evidence in Practice Poster Presentations” with the intentions to give clinicians and students an opportunity to share their clinical questions and reviews of the literature.

A. Criteria for Submission

1. Abstracts for “Evidence in Practice” should include the following information:
  - Purpose:** What was the clinical question that launched your search? State whether this review of the literature pertains to treatment, evaluation, prognosis or diagnosis. Using the Guide to Physical Therapists Practice, 2<sup>nd</sup> Edition, state the scope of practice toward which your question is geared.
  - Patient Population or Problem:** Describe the relevant characteristics of subjects and or PT problems.
  - Methods:** Describe how you went about finding the evidence including but not limited to the databases, keywords, and limits used. Describe your criteria for inclusion and exclusion for this review of the literature.
  - Results:** Briefly summarize the data derived from your critique.
  - Conclusions:** What can you logically conclude through the analysis of your articles? What is the clinical importance/relevance?
  - Discussion and Evidence Based Recommendations:** Offer evidence

based recommendations from your review. If applicable, compare and contrast to other published reviews.

2. **All abstracts submissions must include contact information (name, phone number and email address) for a contact person who can be reached up until the time of the conference.**
3. **If the abstract has been previously peer reviewed and accepted for presentation elsewhere, provide the name and date of the presentation.**

#### B. Sample Abstract

**Evidence in Practice: Coma Stimulation. Efficacy for Patients with Traumatic Brain Injury.** Hughes RM, McQueen MK, Phillips CL, Ratliff LB, Vaughn HA, Wigger BC, Williams CL. University of Missouri. [HAVaughn@health.missouri.edu](mailto:HAVaughn@health.missouri.edu).

**PURPOSE:** This review is intended to explore the theory of a coma stimulation program, its components, and the research surrounding its efficacy. Members of the rehabilitation team, including physical therapists, should be aware of current research regarding coma stimulation for utilization in clinical decision-making. **METHODS:** A literature search was done through various internet and literature searches through OVID, PubMed, Google, Altavista, Pedro, and Medline from 1966-2003. Terms searched included “traumatic brain injury”, “coma stimulation”, “coma treatment programs”, “arousal”, and several combinations of the above mentioned and limited to English. Two randomized control trials and one cohort study will be assessed in this review. The studies’ believability were considered as the level of evidence using Sackett’s Levels of Evidence. **CONCLUSIONS:** Severe traumatic head injury hospitalizes approximately 14 out of 100,000 people in the U.S. each year, 10% of whom will remain in a coma. A coma stimulation program is one intervention used for the comatose patient. This program may include tactile, vestibular, kinesthetic, olfactory, gustatory, auditory, and visual sensory stimulation. Theoretically, coma stimulation may decrease length of coma and increase overall level of arousal. Currently there is no general consensus as to how a coma stimulation program should be implemented. It is not considered the responsibility of one particular health care provider and no special training is necessary prior to participating in the administration of such a program. **DISCUSSIONS:** The research does not support implementation of coma stimulation programs. Studies found were not of great validity or reliability to formulate solid conclusions. Outcome measures were generally lacking in specificity to coma stimulation and immediate physiological responses. Development of a specific outcome measure is needed. More research needs to be done to determine the mechanism of coma and then to determine whether a coma stimulation program would be beneficial or detrimental to the patient.

### **Abstract and Poster Formatting Information**

#### A. Instructions for Abstract Formatting

1. Abstract must be no more than 450 words (Purpose through Conclusion) using Times New Roman 10-12” font.

2. *\*\*With permission, abstracts may be printed in the MPTA newsletter and posted on the MPTA website.*
- B. Instructions for Poster Formatting & Display
1. The poster should be no larger than 40” tall and 64” wide.
  2. Authors must supply their own thumbtacks.

**Review Process:**

Abstracts that have been previously accepted for presentation (e.g. Combined Sections Meeting, APTA Annual Conference, etc.) by a peer review process will not be peer reviewed for the MPTA meeting. Submissions that have not been previously accepted for presentation will undergo a peer review process. The contact person for the submission will be notified by email regarding poster acceptance status.

**Please refer all questions to:**

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**314-977-8505**