

2008 OAAC Conference
April 25 & 26

DEADLINE FOR ABSTRACT – December 18, 2007

Name: ___Dr. Michael Devlin, MD FRCPC_____

Institution: West Park Healthcare Centre

Address: 82 Buttonwood Ave, Toronto ON M6M 2J5

Telephone: ___416-243-3680___ Fax: _____

Email ___ mdevlin@westpark.org _____

Podium Presentation
Approximate length (minutes) ___15 min_____

Poster Presentation

Title of Abstract: AmpEBR: A Review of the Literature Pertaining to Prosthetic Fit

Curriculum Vitae (indicate how you would like to be introduced)

___ Psychiatrist, Amputee Service, West Park Healthcare Centre. _

Audiovisual Aids Required:

- Slide Projector
- Power Point Presentation
- Overhead Projector
- Other _____

ABSTRACT OF PRESENTATION

Format: Title, Presenter(s), and Precis of presentation (150 words, Arial font, 11 point, single spaced)

Note: Electronic submission to Karen.fairley@sunnybrook.ca is preferred.

AmpEBR: A Review of the Literature Pertaining to Prosthetic Fit
Michael Devlin, MD FRCPC, Barry Deathe MD FRCPC

There are numerous challenges to obtaining accurate and useful estimates about the proportion of patients fitted with prostheses following lower extremity amputation. As part of the AmpEBR project, we conducted a systematic review of the literature addressing prosthetic fit with a view to describing overall patterns of fit. Actual fit rates were found to vary due to a variety of methodological reasons including the following:

1. Differences in defining prosthetic fit;
2. Sampling differences;
3. Differences in the specific numbers that authors use to compute prosthetic fit.

Primary findings include lower fit rates for population-based vs centre-based studies, for above knee vs below knee amputations and for those older vs younger. Very little data exists for those with amputation due to any etiology other than vascular-related amputations. Factors found to predict successful fit included absence of comorbidity, pre-morbid mobility, younger age, lower level of amputation and specialized amputation rehabilitation programming