



Priority Statement Title: Translating Biomechanics Research Findings into Clinical Practice

Priority Statement Code: LF4B

Domain: Cell, Joint, Limb, Whole Body, Function

Priority Statement

Background and Relevance

Translating research into practice is a well recognized goal, but barriers to timely adoption include:

- Cultural differences between practitioners and researchers with regard to nomenclature, perspective, and expectations
- Lack of incentives, funding, and time for researchers and practitioners to learn about each other's approaches.
- Turnaround time from data collection to providing recommendations.

Objectives

1. Increase clinical implementation and adoption of research findings.
2. Identify, develop, and implement effective approaches to communicate clinically relevant findings to practitioners and potential beneficiaries.

Recommended Actions

1. Provide incentives and funding to support cross-cultural immersion and collaboration between practitioners and researchers.
2. Provide in-service training to practitioners to facilitate the adoption of specific research findings into practice.
3. Provide opportunities for researchers to develop an understanding of current clinical approaches to specific problems.
4. Develop a national registry of cross-cultural opportunities between practitioners and researchers.
5. Represent methods/results in a form that can be communicated between disciplines and to the community/beneficiaries.
6. Assess and reward adoption of evidence-based practices.