Biomedical Engineering
Translational Research
Clinician Focus Groups

Promote Commercialization
- Assist BME researcher and clinician teams in project planning
- Develop commercialization plan at street
- Market spinout from biomedical industries
- Procure space and resources for translational research and early incubation
- Facilitate patient testing and clinical trials
- Translational research coaching throughout project

The objectives of focus groups
- Solicit physician inspired innovations for unmet clinical needs that envision technological solutions
- Identify promising collaborative translational research projects
- What unmet clinical needs and medical problems that may be solved by innovative technologies cultivated through collaborative efforts of clinicians and biomedical engineers?

Three focus group sessions were held at UW Hospital and Clinics
- In total, 31 clinicians attended
- Five representatives from the BME department attended as observers
- Sessions were facilitated by the Office of Quality Improvement
- 28 clinical needs were identified including clinical contacts

Next Steps
- Interdisciplinary Research “Speed Dating”
- Circulate summary report among biomedical engineering faculty
- Actively match engineers with clinicians through Biomedical Engineering Center for Translational Research directors

Our Vision for Translational Biomedical Engineering Research
- Ideation
- BME Research Institute
- Commercialization
- Market
- Biomedical Industry

Foster an Innovation Community
- We will formalize our innovation processes through:
  - Needs assessment workshops and retreats
  - Solicitations for physician initiated projects
  - Grand Rounds Program for BME researchers
  - Physician shadowing by BME faculty
  - Seminars for physician entrepreneurs and mentors
  - Internet-based sharing of ideas and research expertise

Innovations Arise from the Chaos

Organicizational Structure

Biomedical Engineering Center for Translational Research

Market Expertise
- Advisory Board of biomedical industry leaders and entrepreneurs
- Biomedical Entrepreneur in Residence consultations
- Market research is needed at early stages of development