



Western
Biomedical Imaging
Research Centre

SEMINAR SERIES
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Thursday, July 18th, 2019: 4:00 pm
Auditorium B
University Hospital

Dr. Nobuhiko Hata, PhD

Technical Director of Image Guided Therapy Program
Director, Surgical Navigation and Robotics Laboratory
Brigham and Women's Hospital and Harvard Medical School



**Title: Biodesign Innovation in Image Guided
Therapy Devices: Concept to Clinical Adoption**

Abstract: This talk describes how MRI-guided percutaneous devices for pelvic and abdominal procedures were successfully developed, clinically deployed, and are being commercialized in direct collaboration with industry. The talk also covers a recent study on multi-section continuum robots and their potential roles to improve trans-bronchial lung interventions. Both devices provide new therapy and diagnostic options for patients, but also can be used as a tool for biomedical research to discover new biomarkers or new drugs for treatments.

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Medical Imaging



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