In Vivo Optical Cancer Detection: 20 years of Lessons Learned and 20 Years of Future Promise

Wednesday
Nov 5, 2014

Meeting Agenda:
5:30 - 6:15 Arrival, Networking & Dinner
6:15 - 6:30 Announcements & Introductions
6:30 - 7:30 Speakers
7:30 - 8:00 Q&A
8:00 - 8:30 More Networking

Optical cancer detection has been a focal point of development in the medical community for over 20 years. There have been many attempts at developing and commercializing devices with varying degrees of success.

This month’s panel of experts is actively engaged and on the clinical frontier in optical cancer detection. The presentations will cover the history, present, and future of in vivo optical cancer detection.

Program Description

Randal Chinnock, CEO of Optimum Technologies Inc., will moderate the discussions and present historical case studies of in-vivo optical cancer detection over the past 20 years, and reasons why so few detection/diagnostic devices have actually had significant clinical impact.

Dr. Melissa Suter, Assistant Professor at Harvard Medical School, will discuss the outlook for what will happen with in-vivo optical cancer detection in the next twenty years from an academic perspective. The discussion will focus on promising innovations in technology and engineering in the academic world.

Joseph Williams, Vice President of Global Marketing for Caliber Imaging and Diagnostics Inc. will present the view of the future of in-vivo optical cancer detection from an industry standpoint. The myriad of challenges the industry will face in commercializing emerging technologies will be discussed.

Upcoming Events

Wed Dec 3 Forum
The Radical Transformation of Healthcare: The Rise Of Virtual Care Delivery
(Constant Contact)

Wed Dec 17 Annual Holiday Party
5:30 to 8:30 PM
Details available in near future

Wed Jan 7 Forum
Making Medical Technology More Human
(Constant Contact)
Panelists

Randal Chinnock - Moderator
Founder & CEO of Optimum Technologies, Inc.
Since its founding in 1994, the firm has focused on helping clients commercialize technologies that use light to diagnose and treat disease. The OTI team has contributed to the successful launch of scores of medical devices and laboratory instruments based on optical technologies. Areas of particular expertise include ophthalmic instruments, disposable endoscopic cameras, robotic vision systems, 3D vision systems, retinal imaging, spectroscopy, laser delivery systems, and optical cancer detection. Mr. Chinnock's 30+ years of experience includes positions in engineering, manufacturing, marketing, and general management at several companies engaged in electro-optical devices and systems, including Varian, United Detector Technologies, Smith & Nephew, and Henke Sass Wolf of America. He holds a BS in Engineering Physics from the University of Colorado and studied Mechanics and Materials Science at Johns Hopkins University.

Melissa Suter, PhD
Assistant Professor of Medicine at Harvard Medical School (HMS)
Melissa works in the Pulmonary and Critical Care Unit and the Wellman Center for Photomedicine at Massachusetts General Hospital (MGH). She is the director of the Pulmonary Optical Imaging Laboratory specializing in the development and clinical translation of cutting edge optical imaging modalities, including optical coherence tomography (OCT), with the goal of improving patient care. Her work has focused primarily on the use of these techniques for detecting, diagnosing, and monitoring esophageal and lung cancer, and for studying respiratory structure and function relationships. Dr. Suter earned her PhD in medical imaging-biomedical engineering at the University of Iowa, and subsequently joined HMS and MGH initially as a research fellow prior to starting her assistant professorship.

Joseph Williams, MS, MBA
Vice President of Global Marketing, Caliber Imaging and Diagnostics Inc.
He joined Caliber I.D. in March 2014 and is responsible for all strategic and tactical marketing activities to expand their global VivaScope® business. Mr. Williams has more than three decades of experience in healthcare marketing and business development. Prior roles include: Director of Market Development at Axsun Technologies/Volcano Corporation, where he led the creation and execution of strategies focused on the development and application of Optical Coherence Tomography (OCT) and other imaging technologies, Senior Director of Global Marketing-Neurosurgery Division at Integra Life Sciences, Director of Global Marketing-Visualization Products Division at Smith & Nephew Endoscopy as well as positions at Olympus America, Inc. and Pentax Precision Instruments Corp. He holds an MBA from the University of Rochester, an MS degree in medical biology from Long Island University and a BS degree in biology from St. John’s University.

Co-Champions

Randal Chinnock — Founder & CEO of Optimum Technologies, Inc.
MDG Boston
We would like to thank the hundreds of volunteers who help to make this organization a success.

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MDG Boston 2014-2015 Program Calendar

Forum Panels
(Location: Constant Contact Headquarters, Waltham, unless noted otherwise)

Sept  10    Bringing Bionics To Life
            Co-Champions: Kevin Franck, Dan Healey

Oct   1    Intellectual Property Approaches To Safeguard Value
            Co-Champions: Rob Adelson, Roy Coleman, Stanley Chalvire

Nov  5    Optical Cancer Detection: 20 years of Lessons Learned
            and 20 Years Of Future Promise
            Co-Champions: Bob Andrews, Randy Chinnock

Dec  3    The Radical Transformation of Healthcare: The Rise Of Virtual Care Delivery
            Co-Champions: Kevin Fickenscher, MD, Shankar Krishnan, MD

Jan  7    Making Medical Technology More Human
            Co-Champions: Mike Wiklund, Sean Phillips

Feb  4    Devices And Combination Products For Neurodegenerative Disease
            Co-Champions: Paul Hartung, Richard O’Brien

Mar  4    Combination Devices: Diversity In Type And Application
            Co-Champions: John O’Gara, Rich Andrews

Apr  1    The Surgical Suite Responds to the New Business Model of Healthcare
            Co-Champions: Bill McIlhargey, Melvin Prenovitz

May  6    Advancing Women’s Health:
            Gender Centered Treatments for What Worries Women
            Co-Champions: Anna Xia, Jerry Shapiro

June  3   Keep It Agile – Keep It Legal
            Co-Champions: Eric Poole, Jeff Karg

Member News

MDG welcomes these new members:
Alan Sidman
Jonathan Kuniholm
Douglas Rainville
Tijana Prodanovic
Andrea Pion
Denny Lo
Andrew Singer

In addition, we welcome back those who have renewed their MDG membership:
Donald Freeman
Rodolfo Archbold
Carl Wisnosky
Bob Steingart
Betsy Goodrich
Hank Allard
Mel Prenovitz
Fred Calnan
Edward Dolan
Kevin Fickenscher
David Hunt
David Danehy
Craig Carlson
Jia Huang
Yossi Elaz
Alan Oslan
Joseph Berkowitz

About MDG Boston
MDG is the professional association for career building, knowledge acquisition and mutual support for New England medical technology professionals.

MDG sponsors Forums, Networking, SIGs (Special Interest Groups), Workshops and Special Events where diverse industry leaders can share their experience and knowledge as presenters and one-on-one.