

**TECHNION-ISRAEL INSITUTE OF TECHNOLOGY
THE RUTH & BRUCE RAPPAPORT
FACULTY OF MEDICINE
2010**

Syllabus

**Technology Development &
Enterprisig**

*Course Director: U. Rosenschein MD,
uri.rosenschein@b-zion.org.il*

Venue: Faculty of Medicine, Bat-Galim ,Haifa

Days: Monday

Time: 16:00-18:00

Date: 8/3/2010-22/6/2010

Monday 8.3.10

16:00-17:00

Introduction

U. Rosenschein MD

17:00-18:00

Medical Device Development- "Create Like God....."

K. Richter

Monday 15.3.10

16:00-17:00

The Nature of Disruptive Technology

A. Marom

17:00-18:00

Intellectual Property in Medical Venture

M. Fenster

Monday 22.3.10

16:00-17:00

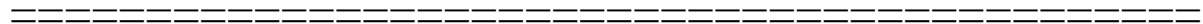
Fund Raising in Medical Venture- "New and old Paradigms"

D. Megido MD.

17:00-18:00

Coronary Artery Disease-The Problem, Models, Solutions and Unmet Needs.

M. Jonash MD.



Monday 12.4.10

16:00-17:00

StemCells In Cardiology-Past, Present & Future

L. Gepstein

17:00-18:00

Choice of Materials and Technologies in Medical Device Development.

B. Spenser

Monday 26.4.10

16:00-17:00

Regulatory Process in Medical Device Development.

S. Giorini-Silfen PhD..

17:00-18:00

Non-Stent Solutions for Restenosis

Y. Richter PhD-The BioRest Story

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Monday 3.5.10

16:00-17:00

Valvular Heart Disease - The Problem, Solutions & Unmet Needs.

Y. Turgeman MD

17:00-18:00

Catheter-Based Solutions for Valvular Heart Disease.

Y. Keidar-The PVT Story

Monday 10.5.10

16:00-17:00

Catheter-Based Solutions for Valvular Heart Disease.

E.Schwammental MD-The Ventor Story.

17:00-18:00

In Vivo Experiments in Medical Device Development-Principles & Models.

R. Shofti PhD.

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Monday 17.5.10

16:00-17:00

Structural Heart Disease –The Problem, Solutions & Unmet Needs.

E. Brukheimer MD

17:00-18:00

Role of Clinical Trials in Medical Device Development-From Feasibility to Post Market Studies.

T. Abudi MD.

Monday 24.5.10

16:00-17:00

***Non-Invasive Imaging of Coronary Arteries –The Problem ,
Solution and Unmet Needs.***

J. Lessic MD

17:00-18:00

Futuristic Invasive Navigation Technologies

G. Strommer –The MediGuide Story.

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Monday 7.6.10

16:00-17:00

Innovation and Medicine –Lessons for the Guru.

S. Eckhouse PhD

17:00-18:00

Congestive Heart Failure –The Problem, Solutions & Unmet Needs.

O.Amir MD

Monday 14.6.10

16:00-17:00

Cardiac Assist Devices –The Solution for the CHF Crisis.

A. Landesberg MD, PhD.

17:00-17:30

Communication Revolution in Medicine

G. Idan-The Given Imaging Story

17:30-18:00

Sensors In Cardiology.

H. Himelfarb- The Ramon Story

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Monday 21.6.10

16:00-17:00

Summary & Discussion

U.Rosenschein MD.

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Bibliography

- The ART of the START
Guy Kawasaki.
- The Innovator's Dilemma
Clayton M. Christensen.
- The End of Medicine
Andy Kessler.

Final Examination

1. Take Home Project.
2. Group assignment (~ 3 Students).