

09:10-09:40 **3D TEE probe in the operating room; How 3D helps to decide what to do??**

*Dr. Ehud Raanani*

Sheba Medical Center, Tel-Aviv University.

**Session 5: 3D Echo Case Presentation.**

Chairs: Prof. Robert A. Levine  
Dr. Noah Liel-Cohen, Dr. Sarah Shimoni

09:40-10:20 **3D General Cases: Presentations from Medical Centers Experience and Panel Discussion.**

10:20-10:30 **Coffee Break**

10:30-13:30 **3D Group session; Hands on 3D course in 3 parallel rooms.**

13:30-13:40 **Closing remarks**  
*Dr. Chaim Yosefy*

13:40-14:30 **Lunch**

**Friday evening, November 23, 2007**

19:00-20:00 **Dinner**

20:30 **Social event**

**Saturday morning, November 24, 2007**

07:00-10:00 **Breakfast**

10:00-13:00 **Surprises in Ashkelon.**

13:00-15:00 **Lunch**

**Organized by:**

The Echocardiography Laboratory  
Cardiology Department  
Barzilai Medical Center Campus  
Ben-Gurion University, Ashkelon, Israel  
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**COURSE AIM**

The aim of the course is to provide an interactive hands-on learning with the faculty, including a large number of cases. While updating knowledge in rapidly advancing areas, the emphasis is on in-depth, practical applications of 3D echocardiography.

The goal is INTERACTION between clinical cardiologists, echocardiographers, sonographers and the audience. The course will be useful to cardiologists, sonographers, at all levels of experience in 2D echo.

The participants will learn to evaluate valvular heart disease, wall motion abnormalities, and Doppler hemodynamics comprehensively and confidently using real-time 3D echocardiography. They will gain experience with difficult interpretations and decision-making; and be updated in new 3D applications such as resynchronization therapy for heart failure.

**OBJECTIVE**

At the conclusion of this program the participant will be able to use 3D Echo to:

- Evaluate valvular stenosis, prosthetic heart valves and valvular regurgitation, understand pitfalls, and integrate data into clinical decision-making.
- Evaluate CRT optimization in CHF patients.
- Gain familiarity with challenging echocardiographic measurements of LA, LV volume.
- Understand the role of new technologies and the growing use of 3D echo to guide interventions.

**Registration:** I.M. KNASIM, Tel-Aviv, Israel  
Tali/Ayelet. Tel: 03-6081520

**Sponsored by:** Medtechnica Israel/Philips Europe  
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Guidant – לבנט  
St. Jude – גאמידה-מדאקויפ



# The 1<sup>st</sup> Ashkelon 3D Echocardiography Course

**November 22-24 2007**  
Holiday Inn Hotel, Ashkelon, Israel

**Organizing committee:**

**Co-Chairmen:**

Chaim Yosefy MD  
Amos Katz MD

**Program Committee:**

Yoram Agmon MD  
Ronen Beeri MD  
Heinrich Beckermann PhD  
David Blondheim MD  
Noah Liel-Cohen MD  
Dan Gilon MD  
Ehud Raanani MD  
Alex Sagie MD  
Ehud Schwammenthal MD PhD  
Sarah Shimoni MD  
Avinoam Shiran MD  
Mordehay Vaturi MD

**Echo sonographers:**

Shlomit Avraham  
Doodit Mimon  
Zhanna Rozov

**International Advisory Board:**

Emmanuel Messas MD PhD, Paris, France  
Judy Hung MD, Boston, USA  
Mark D Handschumacher BA, Boston USA  
Robert A Levine MD, Boston USA  
Sarah Chua MD, Taiwan

**3D Course Curriculum:**

**Thursday Morning, November 22, 2007**

All lectures will include detailed hands-on- "How to" cases with 5 questions. A Philips IE33 machine will be available to accompany the presentations.

09:00-10:20 **Registration**

10:20-10:40 **Welcome:**

*Dr. Chaim Yosefy*  
Barzilai Medical Center Campus, BGU, Ashkelon.  
*Dr. Shimon Scharf M.P.H., C.E.O*  
Medical Director, Barzilai Medical Center Campus, BGU, Ashkelon.  
*Prof. Amos Katz*  
Barzilai Medical Center Campus, BGU, Ashkelon.  
*Prof. Basil Lewis*  
President, Israel Heart Society.

**Session 1: The 3D Echo concept.**

Chairs: *Dr. Yoram Agmon*  
*Dr. David Blondheim*

10:40-11:20 **The 3D echo concept. What, How and for whom? New way to think about the heart**

*Prof. Robert A Levine (English Lecture)*  
Cardiac Ultrasound Laboratory, Massachusetts General Hospital, Harvard Medical School, Boston, USA.

11:20-11:50 **New technology developments in cardiac Ultrasound**

*Heinrich Beckermann PhD (English Lecture)*  
CV Ultrasound Marketing Manager, Germany.

11:50-12:20 **Left Ventricle and Left Atrium; How 3D helps to measure volumes and EF?**

*Dr. Chaim Yosefy*  
Barzilai Medical Center Campus, BGU, Ashkelon.

12:20-12:40 **Real Time 3D Echo: A clinical tool or a research gadget?**

*Dr. Yoram Agmon*  
Rambam Medical Center, Haifa, Israel.

12:40-14:00 **Lunch and medical exhibits.**

**Thursday Afternoon, November 22, 2007**

All lectures will include detailed hands-on- "How to" cases with 5 questions. A Philips IE33 machine will be available to accompany the presentations.

**Session 2: Valvular Heart Disease and 3D Echo.**

Chairs: *Dr. Avinoam Shiran*  
*Dr. Micha Feinberg*

14:00-14:30 **Valvular Heart Disease; Aortic Valve; How 3D helps to decide what to do?**

*Prof. Dan Gilon*  
Hadassah Medical Center, Hebrew University, Jerusalem

14:30-15:00 **Valvular Heart Disease; Mitral Valve; How 3D helps to decide what to do?**

*Dr. Ronen Beeri*  
Hadassah Medical Center, Hebrew University Jerusalem.

15:00-15:30 **Hemodynamics of the mitral valve and left ventricle. How 3D helps to better understand?**

*Prof. Ehud Schwammenthal*  
Sheba Medical Center, Tel-Aviv University, Tel Aviv.

15:30-16:00 **Valvular Heart Disease; Tricuspid Valve; How 3D helps to decide what to do?**

*Dr. Mordehay Vaturi*  
Rabin Medical Center, Tel-Aviv University, Petach-Tikva.

16:00-16:30 **Valvular Heart Disease; Mechanical Valves; How 3D helps to decide what to do?**

*Prof. Alex Sagie*  
Rabin Medical Center, Tel-Aviv University, Petach-Tikva.

16:30-16:50 **Coffee Break**

**Session 3: CRT 3D Echo.**

Chairs: *Prof. Dan Gilon*  
*Dr. Vladimir Khalameizer*

16:50-17:20 **How to choose the CRT patient? Beyond the QRS.**

*Prof. Amos Katz*  
Barzilai Medical Center Campus, BGU, Ashkelon.

17:20-17:50 **CRT optimization in CHF patients. How 3D helps?**

*Dr. Vladimir Khalameizer*  
*Dr. Chaim Yosefy, Shlomit Avraham*  
Barzilai Medical Center Campus, BGU, Ashkelon.

17:50-18:00 **Questions and Answers**

20:00 **Gala Dinner**

**Friday morning, November 23, 2007**

07:00-08:30 **Breakfast**

**Session 4: RV, TEE and 3D Echo.**

Chairs: *Prof. Alex Sagie*  
*Prof. Ehud Schwammenthal*

08:30-09:10 **Right Ventricle and tricuspid valve; The 3D third look?**

*Prof. Robert A. Levine*  
Cardiac Ultrasound Laboratory, Massachusetts General Hospital, Harvard Medical School, Boston, USA.