

### of the Israel Heart Society



**Editor's Note:** Welcome to the Spring 2013 FIHS Newsletter. The main topics of this issue are the FIHS ACC Dinner Banquet held March 10, 2013 and a preview of the 60<sup>th</sup> Annual Meeting of the Israel Heart Society this coming April.

This issue includes the usual sections such as the President's Message and announcement of upcoming meetings. In addition, we are including the list of all of the Richard, Hilda and Ezra Meltzer Memorial Award 2006-2013. Winners from the including most recent winner. Finally, we are including some cardiac entrepreneurial articles that have appeared Please elsewhere. notedescription of a device in this Newsletter does not constitute an endorsement. We just want to give our readership a sense of the vast scope of Israeli ingenuity in the fields of Cardiology.

Remember, this Newsletter and Society belong to you, the membership. We look forward to enhancing this Society and the connections that we hope to foster between Israeli and non-Israeli cardiologists and their institutions. Please feel free to email us with questions, answers, comments, criticisms, or just to tell us to keep working harder!

Our immediate goal is to try to grow our membership and participation to include any and all cardiologists and fellows from around the world who would be interested in supporting this bridging relationship. If you know of any cardiologists or cardiology fellows who we can contact, please email me (my email is jackstroh@usa.net).

It was a pleasure seeing many of you in San Francisco at ACC. At the Passover Seder we customarily pray "Next Year in



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Jerusalem." We look forward to seeing you even sooner in Jerusalem in April at the 60<sup>th</sup> Annual meeting of HIS. May you all have a happy and healthy Passover season!

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#### Message from the President

It was great to see all our friends at the Friends of the Israel Heart Society reception at the recent American College of Cardiology meetings in San Francisco. The Israel Heart Society is holding its 60th anniversary meeting in a few short weeks. As the leadership of the European Heart Society made clear at our reception, Israeli cardiology has become a true force in clinical care, research, and innovation. The Friends of the Israel Heart Society is delighted to be able to foster communication, engagement, and interaction with the Israel Heart Society. We have had tremendous support from our leadership, initiating a program to bring an Israeli cardiologist to participate in the ACC Emerging Leaders program for the first time this past year and sponsoring a group of Turkish cardiology fellows to attend the Israel Heart Valve Summit. There are many opportunities to initiate such programs – we just need an energized membership to lead the effort. Please feel free to contact me if you have ideas!In the next newsletter, we hope to provide you some highlights from the upcoming 60th anniversary meeting of the

Israel Heart Society. For those of you who have not yet had an opportunity to attend a cardiology meeting in Israel, it is a highly worthwhile experience. The meetings are of high quality, always have a distinguished faculty, and there are always the perks of visiting the many sites of interest in Israel. The following meeting in Israel is the Intensive Cardiac Care meeting in June, a beautiful time for a visit!

As always, we appreciate the support of each of our members and, in particular, our sponsors (2012 sponsors listed on page 3). If you have not already done so, please consider becoming a Silver, Gold, or Platinum member for 2013. We are dependent on your charitable donations to maintain our activities. Annual membership can be paid through the FIHS website at:

http://www.friendsihs.org/index.html

Finally, our members are encouraged to send in news – personal and/or professional – to include in our **FIHS Heart Beats** section. Please provide us with your feedback on the newsletter – special thanks to Dr. Stroh for his continued efforts (jackstroh@usa.net).

With best wishes,

Jeff Goldberger

President, Friends of the Israel Heart Society

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האיגוד הקרדיולוגי בישראל ISRAEL HEART SOCIETY



# Silver Level

Dr. Joseph Alpert

Dr. Elliott Antman

Dr. Charles Antzelovich

Dr. Benico Barzilai

Dr. Robert Bonow

Dr. Camellus Ezeugwn

Dr. Gary Gershony

Dr. Edward Gerstenfeld

Dr. Samuel Goldstein

Dr. Philip Greenland

Dr. Gil Gross

Dr. Jose Jalife

Dr. Jonathan Kalman

Dr. Robert Kleiger

Dr. Morton Lebowitz

Dr. A. Michael Lincoff

Dr. Hugo Morales

Dr. Arthur Moss

Dr. Stanley Nattel

Dr. Richard Popp

Dr. Alan Rabinowitz

Dr. Melvín Scheinman

Dr. Gregory Schwartz

Dr. Jack Stroh

Dr. Joseph Tenenbaum

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We would like to thank our Platinum, Gold, and Silver Members for their past and future support!

# Platinum Level Sponsorship

Dr. Jeffrey Borer

Dr. Eugene Braunwald

Dr. Peng-Shen Chen

Dr. Allen Gutovítz

Dr. Michael Wolk

Dr. Douglas Zipes

# Gold Level Sponsorship

Dr. Jeffrey Goldberger

Dr. Charles Love

Dr. Harry Rakowski

Dr. Bruce Wilkoff

FIHS is on the web at <a href="http://friendsihs.org/inc">http://friendsihs.org/inc</a> ex.html.  $\mathcal{D}r$ . Giora  $\mathcal{W}$ gisz

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"We're headed to Jerusalem for the 60<sup>th</sup> Annual Meeting of the Israel Heart Society!"

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#### The Richard, Hilda and Ezra Meltzer Memorial Award Winners 2006-2013

The Richard, Hilda and Ezra Meltzer Memorial Award was established through the Friends of the Israel Heart Society in 2006 thanks to the generous support of the Meltzer family. Each year at our banquet at ACC, an Israeli cardiologist who has distinguished his/herself cardiology research is awarded a grant to further his/her training experience at a US institution. The following is a list of all of the and their winning awardees projects.

2006 Dr. Doron Aronson, Cardiology Department, Rambam Medical Center, Haifa For his contribution in the field research & clinical cardiology work in noninvasive / preventive Cardiology: "The Association between Cardio respiratory Fitness and C-Reactive Protein In Subjects with the Metabolic Syndrome"

"Association between Elevated Liver Enzymes and C-reactive Protein."

**2007 Prof. Uri Goldbourt,** Neufeld Cardiac Research Institute Sheba Medical Center For his contributions to preventive cardiology and cardiovascular epidemiology over the last 35 years.

2008 Prof. Yaacov Drory, Deputy
Director of the Cardiac Rehabilitation
Center at Tel Hashomer for his
contribution and developing the cardiac
preventive and rehabilitation care in the
state of Israel over the last 32 years. He
devoted much of his academic career in
collecting data on risk factors for
coronary artery disease in Israel. He
published several books and
manuscripts related to his work

**2009 Prof. Yaakov Henkin**, Cardiology Division, Soroka Medical Center Beer Sheva

Dr. Iris Shai, International Center for



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Health and Nutrition, Faculty of Health Sciences - Ben-Gurion For their contribution and developing the cardiac preventive in the state of Israel.

The study entitled: "Weight Loss with Low-Carbohydrate, Mediterranean Low- Fat Diets" was published on July 2008 in the New England Journal of Medicine.

In addition, this study emphasizes the significant contribution and feasibility of weight loss in the primary prevention of coronary heart diseases.

**2010 Michael Shechter**, Director of Clinical Research Unit, Sheba Medical Center

For his important contribution in research of endothelial function The Acute Effect of Various Glycemic Index Dietary Carbohydrates on Endothelial Function in Nondiabetic Overweight and Obese Subjects

**2011** Prof. Joseph Shemesh Research Unit of the Cardiac Rehabilitation Sheba Medical Center

For his contribution and developing the field of non-invasive detection of subclinical coronary atherosclerosis.

2012 DR. Shemy Carasso, Non-invasive cardiology unit Cardiology Department Rambam Medical Center Haifa For his contribution and development in

the field of non-invasive cardiology defining normal and pathologic myocardial mechanics in cardiomyopathies, valvular heart disease and diastolic dysfunction.

**2013** Dr. Jonathan Lessick Cardiology Department, Rambam Medical Center, Haifa for his contribution to the field of cardiac CT. The research spans a period of several years from 2005 to the present and deals with the use of cardiac CT in the comprehensive analysis of the cardiac patient, over a wide spectrum of conditions.

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The 60<sup>th</sup> Annual Conference of the Israel Heart Society in Association with the Israel Society of Cardiothoracic Surgery (see details at end of this Newsletter)

April 22-23, 2013

#### ICC International Convention Center (Binyanei Haumah), Jerusalem

It is our pleasure to announce the 60th anniversary conference of the Israel Heart Society in association with the Israel Society of Cardio-Thoracic Surgery which will be held this year in Jerusalem. This very festive event will commemorate 60 years of excellence in cardiology in Israel.

This conference will be a landmark of the development and activities throughout the years in the field of Cardiology and Cardiac Surgery in Israel and will include both local and international leaders in all fields of Cardiology & Cardio-Thoracic . Distinguished guest speakers will include an array of pioneers in cardiology from around the world who will honor us by their participation. This year we have broadened our cooperation with international and national societies worldwide and we will be conducting joint sessions with the European Society of Cardiology, the American College of Cardiology, the Canadian Cardiovascular Society, and L'Association Franco-Israelienne de Cardiology (AFICARDIO).

We expect participants joining us from around the globe to be able to combine a high level scientific experience along with the opportunity to savor the local vistas steeped in history, the beautiful landscapes & the rich and varied culture that is Israel.

Please save the date: April 22-23, 2013 at the International Convention Center (Binyanei Haumah), Jerusalem.

Formal language in all plenary and joint sessions will be English and abstract sessions will be in Hebrew.

We hope very much that you will take the opportunity to participate in this very high level scientific meeting and look forward to welcoming you on a wonderful visit to Israel in April 2013.

#### Invited Speakers (In Alphabetical Order)

#### Eugene Braunwald, MD, MACC

Brigham and Women's Hospital, Boston, MA, USA

#### Hal C. Dietz. MD

Johns Hopkins University of School of Medicine, Baltimore, USA

#### Kim A. Eagle, MD

University of Michigan Health System, Ann Arbor, MI, USA

#### Samuel Z. Goldhaber, MD

Brigham and Women's Hospital, Boston, MA, USA

#### Albert A. Hagege, MD, PhD, FESC

President, French Society of Cardiology Hôpital Européen Georges Pompidou, Paris, France

# John G. Harold, MD, MACC, MACP, FESC, FAHA

President-Elect of the American College of Cardiology (ACC) Cedars-Sinai Medical Center, Los Angeles, USA

FIHS is on the web at <a href="http://friendsihs.org/index.html">http://friendsihs.org/index.html</a>.





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#### Michel Komajda, MD, FESC

Immediate Past-President of the European Society of Cardiology (ESC)
La Pitié-Salpétrière Hospital, Paris, France

#### Robert A. Levine, MD, FACC

Massachusetts General Hospital, Boston, MA, USA

#### Blair J. O'Neill, MD, FRCPC

Past-President, Canadian Cardiovascular Society (CCS)

Cardiovascular Health and Stroke Strategic Clinic Network, Alberta Health Services, Canada

#### Fausto J. Pinto, MD, PhD, FESC, FACC

President-Elect of the European Society of Cardiology (ESC)

Lisbon Cardiovascular Institute, Lisbon, Portugal

Bradley H. Strauss, MD, PhD, FACC, FRCPC Sunnybrook Health Sciences Centre, Toronto, ON, Canada

# Jean-François Tanguay, MD, FACC, FAHA, FESC, FRCPC

Montreal Heart Institute, Montreal, QC, Canada

#### Panos E. Vardas, MD, PhD, FESC, FACC

President of the European Society of Cardiology (ESC)

Heraklion University Hospital, Heraklion, Greece

#### On Topaz MD, FACC, FACP

Duke University School of Medicine, Durham, North Carolina, USA Charles George VAMC, Asheville, North Carolina, USA

## Douglas P. Zipes, MD, MACC, FAHA, FESC, MACP

Krannert Institute, Indianapolis, IN, USA

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#### The 8<sup>th</sup> Annual Israeli International Conference on Acute Cardiac Care

June 9-11, 2013, Jerusalem

The 8th International Conference on Acute Cardiac Care will feature 3 parallel medical streams, with over 100 presentations, including: satellite symposia, keynote and plenary lectures, debates, clinical interactive case presentations and poster presentations over 2 days. In addition to the medical streams, there will be a parallel nursing stream. The program is diverse and includes content that will satisfy all participants interested in acute cardiac care. Meeting will be in English.

Course Directors:

Joseph S. Alpert

Yonthan Hasin

Doron Zahger

http://www.isas.co.il/cardiac-care2013/

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#### **Membership**

This is also a reminder regarding membership dues for the Friends of the Israel Heart Society. The basic dues are \$50. You can register through our website <a href="http://friendsihs.org/Register.html">http://friendsihs.org/Register.html</a> or send a check directly to:

Friends of the Israel Heart Society c/o Debbie Burg 8626 Central Park Skokie. IL 60076

Please include your email address to assure you do not miss an issue!

We are particularly grateful to those who can be sponsors at any one of the levels indicated below so that we may continue and increase our support of creating a bridge between Israeli Cardiology and the rest of the World:

\$250 Silver member

\$500 Gold member

\$1,000 Platinum member

\$5,000 President's Club

Your support enables us to continue growing our programs, including the ACC meeting, support for Israeli fellows to attend the AHA/ACC meetings, and to grow other programs.

For those who are interested in directed donations, we have the following opportunities:

\$500 Sponsor an issue of the FIHS newsletter

\$1000 Partial sponsorship of an Israeli fellow to attend the AHA meeting

\$1000 Partial sponsorship of an Israeli fellow to attend the ACC meeting

\$2500 Sponsorship of an Israeli fellow to attend the AHA meeting

\$2500 Sponsorship of an Israeli fellow to attend the ACC meeting

We would like to thank our Platinum, Gold, and Silver Members for their past and future support! Thanks to all!

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# ISRAEL HEART SOCIETY



The 'heart' of the Start-Up Nation

Israel is a world leader in cardiovascular technology, says one of Israel's top cardiologists – and much of that is due to the plethora of start-ups working in the biotech, and especially cardiology, sectors

By DAVID SHAMAH December 7, 2012 http://www.timesofisrael.com/the-heart-of-the-start-up-

Israel is the start-up nation not only for Internet and computer technology it's also the start-up nation in medicine and biotechnology, according to Professor Haim Lotan, director of the Hadassah Medical Center Ein Kerem Heart Institute. "There are hundreds of start-ups in Israel working just in the area of cardiology, among the many other start-ups in the medical area, and the technology sector overall," he said. Lotan was the co-chair of one of the world's most important cardiology conferences — "Innovations in Cardiovascular Interventions" (ICI) conference, which took place in Tel Aviv this week. Over 1.200 attendees heard lectures and saw presentations about all aspects of heart care, from new techniques, products, and services. Discussions and presentations included everything from novel stent technologies to the use of stem cells in battling heart disease, to the technology behind heart care.

Most of the world's largest health care companies and universities were represented; among the keynote speakers were Omar Ishrak, chairman and chief executive officer of Medtronic, Stanton Rowe, chief scientific officer of Edwards Lifesciences, Martin Leon, director of the Center for Interventional Vascular Therapy of Columbia University Medical Center, and many others.

While most people wouldn't associate the idea of a start-up industry with cardiology, Lotan told the Times of Israel on the sidelines of the ICI conference that there was actually a strong connection between the two, especially for Israel. "Israel is the leader in stent technology, and a top country in



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imaging, valves, and other important areas of cardiology," said Lotan — and much of that success has stemmed from developments by Israeli companies that eventually made their way to the wide world, either through marketing and sales by local companies, or through partnerships and buyouts by medical multinationals.

To that end, ICI dedicated a whole day to teaching medical industry entrepreneurs how to succeed in the business, sponsoring an event called Academy of Innovation. "You can be born an inventor, but with out start-up savvy your idea will never get out of the lab and benefit people," said Lotan. "We want to show young entrepreneurs how to use their skills and ensure that their ideas are a success."

Among the topics covered at the event were ""How to Develop Your Innovative Cardiovascular Therapy Idea," "How to Determine if a New Device is Needed," "Essentials of Creativity," and much more.

In addition to the Academy program, ICI held a competition for start-ups, with companies strutting their stuff at a "technology parade" and a panel of judges picking the best one, based on technology, market need, and business plan. The contest was open to all

comers, and the winner turned out to be a British company, Sky Medical Ltd, which won the title for a device called "geko," a noninvasive method to prevent deep vein thrombosis.



The device uses patented technology to stimulate the nerve at the back of the knee, and stimulate contraction of the calf, shin and foot muscles, improving blood circulation and oxygen levels almost equivalent of walking but when the patient is not mobile, such as after surgery or during a long haul airplane journey. The company believes that the technology can replace cumbersome foot pumps or other mechanical devices that are the standard equipment for treatment of this condition.

The fact that a British company won the contest at an Israeli event just shows how important the Israeli contribution to cardiology has become. "There have been many acquisitions of Israeli startups, and many Israeli companies have opened sales offices in the U.S. and Europe, so Israel has a reputation as being a world center in cardiology," said





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Lotan. "I am sure that some of the Israeli start-ups that presented at ICI will be making big news in the future, as many of the start-ups that exhibited here in the past already have."

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To celebrate Israel's 64th birthday, ISRAEL21c brings you the country's top 64 innovations — developments that are transforming and enriching lives across the planet.

By Nicky Blackburn April 22, 2012

http://israel21c.org/technology/innovation/made-inisrael-the-top-64-innovations-developed-in-israel/

#### Israel Leading Force in Digital Health Apps

Tel Aviv conference brings together top international cardiologists, innovators, biomedical engineers, scientists, entrepreneurs and several Israeli startups to discuss, present digital innovations in heart health.

Anav Silverman, Tazpit January 15, 2013

 $\frac{http://www.ynetnews.com/articles/0,7340,L-}{4332261,00.html}$ 

The Innovations in Cardiovascular Interventions (ICI) conference held annually in Tel Aviv since 1995, brought together leading international cardiologists, innovators, biomedical engineers, scientists, entrepreneurs and a number of Israeli startups to discuss and present digital innovations in heart health.

Among the Israeli startups were Healarium, Aerotel, and Dario, all of which are apps that use smartphones as platforms to monitor health conditions.

Finally, the Israeli Labstyle Innovation's Dario enable diabetics to measure their glucose levels using their smartphones by connecting a glucose test strip to a smartphone with a lancing device.

The app reads and records the information from the strip, and alerts the user if he or she needs an insulin injection, as well as providing blood sugar pattern information to the patient's doctors.

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# Israel - The Start-Up & "Heart-Up" Nation

The latest advancements in cardiovascular innovations were introduced at a conference in Tel Aviv this past week.

By Yoni Kempinski and Annie Lubin





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#### Arutz 7.

http://www.israelnationalnews.com/News/News.aspx/162927#.UWdjLr\_98to

The annual "Innovations in Cardiovascular Interventions" (ICI) conference, the leading meeting for interventional cardiologists, innovators, entrepreneurs in the industry took place in Tel Aviv in early December, bringing together the latest in ground breaking medical technology and the leading figures in the world of cardiology.

Arutz7 spoke to Professor Raffia Bear, the CEO of Rambam Hospital and Co-Director of ICI 2012, who said the event was a "look into the future" that would reveal the latest tools and technology to improve the medical world.

With over 1,100 participants from over forty countries, Bear called the event "a major success," noting that Israel was the perfect landscape for such a conference.

"Its amazing how many technologies come from Israel," said Bear, "Israel is a source of innovation, a source of ideas...its the best in the world...there's nothing more robust per capita than what you see in Israel."

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#### FIHS at ACC 2013

We had a wonderfully wellattended banquet at the recent ACC meeting in San Francisco. As usual, we had the annual Meltzer Award (see elsewhere in this newsletter for a full description of this award) presentation made by our president, Jeffrey Goldberger to Chaim Lotan, President of the Israel Heart Society. The highlight of the (besides the evening comradery!) was the presence of both the outgoing and incoming presidents of the European heart Society, Dr. Panagiotis E. Vardas and Dr. Fausto Pinto. respectively. Dr. Vardas spoke to those assembled and described the large contribution Israeli cardiology has made to advancement and improvement of cardiac care on the continent and in the world.

We enjoyed the evening, as well as the fine music (as always) by Dr. J. Stanley Hillis and his band. A fine time was had by all! Please enjoy the pictures.





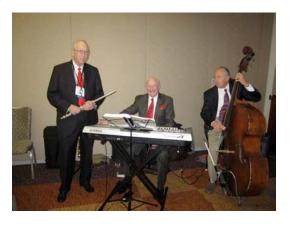
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Jack Stroh and Batia Ziv at the IHS booth at ACC



Stan Hillis and band were the entertainment

Drs. Gregory Schwartz and Chaim Lotan





# of the Israel Heart Society







President Jeff Goldberger handing the Richard Meltzer Award to Chaim Lotan, for presentation in Israel





Panos Vardas, President of the European Heart Society



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Douglas Zipes, founder and past President of FIHS, with Elijah Saunders



Jeff Goldberger, with Giora Weisz and Smadar Kort

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#### **Highlighting Joint Programs**

This section highlights ongoing Interchange Programs taking place at American sites. Thanks to Board member Richard Popp for directing this program and allowing us to publicize it:

**Feldman Family Foundation Visiting Professors Program** 

Stanford University School of Medicine, Palo Alto, California, USA

Program Director: Richard L. Popp, M.D.

Purpose: The aim of the professorship is to allow senior Israeli faculty physicians, in the mid-portion of their careers, to have sufficient time away from clinical duties to update their general skills and/or to acquire specialized knowledge that they will transmit to their colleagues and students on their return to Israel. Physicians from any field may apply. Each visiting professor will have a program tailored to his or her needs by the Program Director and a collaborating Stanford Faculty sponsor, who will ensure the quality of the visiting professor's day-to-day activities. The experience of living in the United States for 6 months is an additional aspect of the program. If vou are a faculty member of an Israeli Medical School please contact Dr. Popp at rich.pop@gmail.com and he will give you the contact person's name at your program.



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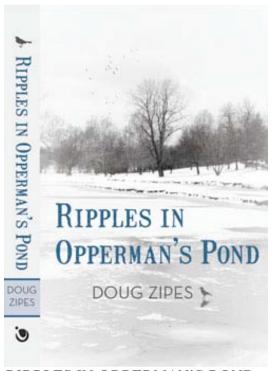
I would also encourage Israeli programs to let our membership know about happenings and offers for training in Israel: Please email these to me at jackstroh@usa.net.

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FIHS Heart Beats



Hot off the presses from Founding President Doug Zipes-



RIPPLES IN OPPERMAN'S POND is a high-stakes thriller that explores the bonds of brotherhood and the

innermost secrets of big-money medicine, where mistakes and lies cost thousands of lives and millions of dollars.

Told mainly in the first person by Daniel, it moves quickly from an Indianapolis hospital, to a Manhattan boardroom and then to a Russian research facility, culminating in a life-or-death decision the Sloane brothers never thought they'd have to make.

"The identical twins shared their toothpaste as children and their lives as adults. Daniel and Dorian Sloane have been saving each other since they skated on Opperman's Pond growing up. Daniel lost the coin toss to test the new winter ice and Dorian saved him from drowning. Twelve minutes' seniority put Dorian at the head of the multi-national Sloane Pharmaceuticals, while Daniel forged his own career as a gifted and innovative cardiologist. Redex, a miracle arthritis drug, brings the brothers together to heal an NBA legend - and make a few billion along the way, necessary to save the company losing patents on three blockbuster drugs. The drug returns the Indiana Pacers star to full glory but his sudden death threatens to



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destroy Daniel's career, as he faces a devastating malpractice suit, the possible loss of his medical license, and even a voodoo curse by the athlete's widow."

Even Shimon Peres, President of Israel, is reading it!



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That's it for this issue of the newsletter of the Friends of Israel Heart Society. Special thanks as always to Mort Lebowitz MD and Batia Ziv for being our "eyes and ears on the ground" in Israel. Special thanks in America to Debbie Burg, our entire FIHS Staff!

Have any ideas to make this a better tool for our Society? Share them with us!

Tell your friends that we want them to join our mission to be a bridge between Israeli Cardiology and the world. If you have any questions, comment, criticisms (my favorites!) please email me at jackstroh@usa.net.



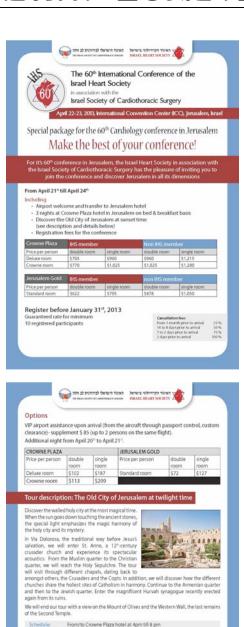
Please see information on the upcoming 60<sup>th</sup> International Conference if the Israel Heart Society on the next page with hotel and tour information!!





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Combine tours for your day of arrival or departure





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