Hein J. Wellens, MD was born November 13, 1935 in The Hague in the Netherlands. He studied medicine at the University of Leiden. In the late sixties, at the University Hospital of Amsterdam, he started to investigate patients with cardiac arrhythmias by placing catheters into the heart allowing the recording of cardiac activation at different sites. By connecting these catheters to a pacing device, he showed that it was possible not only to initiate and terminate the clinically occurring cardiac arrhythmias but also to localize the site of origin of the arrhythmia and to discover its mechanism. By using this approach, called programmed electrical stimulation of the heart, Dr. Wellens not only unravelled mechanisms and localization of arrhythmias in the Wolff-Parkinson-White syndrome, but also of the other types of supraventricular tachycardias.

In the early seventies, a major breakthrough came when he showed that programmed electrical stimulation of the heart could also be used to study the mechanism and localization of ventricular tachycardia, opening new ways for its treatment. In 1971 he published “Electrical stimulation of the heart in the study and treatment of tachycardias”, the first book on invasive management of patients with tachycardias. In 1973 Dr. Wellens was appointed Professor of Cardiology at the University of Amsterdam. At that time it became clear that this new approach allowed the investigation of the effect of drugs on the tachycardia mechanism and the development of new therapeutic strategies such as the termination of tachycardias by specially designed pacemakers, the surgical removal or isolation of the tachycardia substrate and ultimately cure from cardiac arrhythmias by catheter ablation.

The work of Dr. Wellens has not only been the basis for the way arrhythmias are currently investigated and treated, but by carefully analyzing electrocardiographic recordings in relation to information from programmed stimulation of the heart, he opened new ways to use the electrocardiogram as a reliable (non-invasive) source to become informed about the site of origin and mechanism of a cardiac arrhythmia. Dr. Wellens left Amsterdam in 1977 to become Professor and Chairman of the Department of Cardiology at the Academic Hospital of the new Maastricht University. There he created his school of arrhythmology, educating in the period 1977-2001 more than 130 cardiologists from all over the world. Many of them, after returning to their home country, became internationally known leaders in cardiology.

Dr. Wellens, who also directed from 1993 to 2003 the Interuniversity Cardiological Institute of the Netherlands (ICIN), an Institute of the Royal Netherlands Academy of Arts and Sciences, in which the Dutch research activities in cardiovascular research are combined at the national level. He wrote or co-authored over 660 peer-reviewed articles, 254 chapters in books, and was author or (co) editor of 21 books on cardiology. In his scientific career Dr. Wellens made several important contributions that fundamentally changed our approach to investigate and treat cardiac disease. His teaching and writing skills allowed him to convince his colleagues worldwide to use these new approaches to the benefit of their patients.
KANSAS CITY HEART RHYTHM SYMPOSIUM 2016
August 27-28, 2016 | Sheraton Kansas City Hotel at Crown Center
Kansas City, Missouri

COURSE PROGRAM

SATURDAY, AUGUST 27, 2016
Session I
8:00 am  Multipoal Left Ventricular Pacing – The New Trick in the Heart Failure Magic Show
8:10 am  Debate: Left Ventricular Assist Devices Should Be Used as a Bridging Therapy Only? LVAD’s Should Be Used as a Destination Therapy?
8:40 am  His Bundle Pacing or CRT for Heart Failure: Discovering New Methods for an Old Program
8:50 am  Panel Discussion

Session II
9:10 am  KU Pioneers in Cardiovascular Electrophysiology Award – Keynote Speaker
9:40 am  How to Minimize Cardiovascular Implantable Electronic Device (CIED) Infections – Capsulectomy, Antibiotic Pouch and More
9:50 am  Leadless Pacemakers – Implant, Explant and Long-term Safety and Efficacy Data
10:00 am  Panel Discussion
10:15 am  Break

Session III
10:30 am  How to Incorporate Heart Rhythm Monitors after Implantable, Wearable, Stickable Devices in Your Clinical Practice
10:40 am  Subcutaneous Implantable Cardioverter Defibrillator (ICD) – Are They a Viable Alternative to Conventional ICDs?
10:50 am  Debate: Wearable External Defibrillators – Everyone Should Be Bridging with One While They Are Waiting to Meet Guideline-Based ICD Therapy
11:20 am  Panel Discussion

Session IV
11:30 am  MRI Compatibility – Marketing Gimmick or True Science
11:40 am  Remote Monitoring of CIEDs – How to Manage Information Overload and Improve Efficiency and Costs of Care
11:50 am  Defibrillation Testing During ICD Implantation – Should We or Should We Not?
12:00 pm  Panel Discussion
12:15 pm  Lunch

Session V
1:00 pm  Incorporating Stroke and Bleeding Risk Stratification Tools in Atrial Fibrillation Management – CHADS2, HASBLED and More
1:10 pm  Novel Oral Anticoagulants: State of the State in 2016
1:20 pm  How to Manage Oral Anticoagulation Periprocedurally during Ablations and Device Implantations
1:30 pm  Managing Anticoagulation or Antiplatelet Agents around a Cerebrovascular Accident (Stroke/Hemorrhage) – A Neurologist’s Perspective
1:40 pm  Tachycardia Mediated Cardiomyopathy – Insights Into Mechanisms, Pathology and Management
1:50 – 2:10 Panel Discussion

Session VI
2:10 pm  Understanding Cardiac Anatomy – Effective Utilization of Cardiac CT, MRI, 3D TEE and Intracardiac Electrophysiology (ICE) for EP Procedures
2:20 pm  Managing Cardiac Dysautonomia – Tips from the Experts
2:30 pm  Genetic Testing for Inherited Arrhythmia Syndromes – Why, How and When?
2:40 pm  Updates on 3D Mapping Systems in the EP Lab: Carto, Velocity, Rhythmia, Topera, etc.
2:50 pm  Panel Discussion
3:10 pm  Break

Session VII
3:30 pm  Debate: Left Atrial Appendage (LAA) Exclusion Does Not Confer Much Stroke and Bleeding Benefit Compared to Novel Oral Anticoagulants
4:00 pm  Left Atrial Appendage Exclusion — Review of the Tool Kit for the Appendedologist
4:10 pm  Protean Bystander Effects Beyond Stroke
4:20 pm  Panel Discussion
4:40 pm  Interesting Cases

SUNDAY, AUGUST 28, 2016
Session VIII
7:30 am  Dr. Manohar Sai Gowda Memorial Young Cardiovascular Researcher Awards

Session IX
8:15 am  Debate: Hemodynamic Support is Very Important During Ventricular Tachycardia (VT) Ablation
8:45 am  SCAR VT Ablation – Homogenization is a Better Strategy than Induce Map Ablation: Technique
8:55 am  Arrhythmic Inflammatory Cardiomyopathy: Unveiling a New Syndrome of Ventricular Arrhythmias and Myocardial Inflammation
9:05 am  Intravenous Sotalol — Introducing a Forgotten Agent to the EP Therapeutic Arsenal
9:25 am  Lifestyle Modification for Cardiac Rhythm Disorders — Weight Loss, Vegetarianism, Yoga and More
9:35 am  Panel Discussion
9:45 am  Break

Session X
10:00 am  SVT Therapy – Yesterday, Today and Tomorrow
10:20 am  Balloon-Based Therapies for Pulmonary Vein Isolation
10:30 am  Adjunctive Therapies for Improving Success Rates on Non-Paroxysmal AF – Non Pulmonary Vein (PV) Triger Ablations, LAA Ligation, Vein of Marshall Ablation & More
10:40 am  Panel Discussion

Session XI
11:00 am  Atrial Fibrillation and Dementia
11:10 am  Management of Obstructive Sleep Apnea for Improving Outcomes of AF Therapy
11:20 am  AF Surgery – Status 2016
11:30 am  Panel Discussion

Session XII Non-CME
12:00 pm  Vision 2020: Updates from Industry Partner

FACULTY

Dr. Amin Al-Ahmad
Dr. Loren Berenbom
Dr. John Day
Dr. Thomas Deering
Dr. Raghuvare Dendi
Dr. Martin Emerg
Dr. Marye Gleva
Dr. Michael Gold

Dr. Rakesh Gopinathnair
Dr. Dhanunjaya Lakkredef
Dr. Randall Lee
Dr. Moussa Mansour
Dr. Gerlad Ncareff
Dr. Andrea Natale
Dr. Amy Ortenman
Dr. Dhanunjaya Lakkireddy

Dr. Rhea Pimentel
Dr. Madhu Reddy
Dr. Sanjeev Saksena
Dr. Melvin Scheinman
Dr. Kalyanam Shivkumar
Dr. Pugal Vijayaraman
Dr. Hein J. Welleens

Continuing Education Credit is available. Register at www.kchrs.com