

July 2, 2014

**CARDIOSTIM/EHRA EUROPACE**, the global congress on cardiac electrophysiology and techniques, ended its 2014 meeting on an extremely positive note.

- The numbers confirm that the meeting attracts **attendees in ever-increasing numbers**, covering a **widening geographical area of influence**.
- This shows that the congress continues to be a **top event for innovation**, which remains at the heart of the program, as well as promoting discussions between specialists, clinicians, researchers and industry, all players in treating rhythm disorders.

**5,664 attendees** from

**102** countries

**14 new countries** representing **all the continents**

**190 sessions**

**558 abstracts** accepted (posters & oral presentations)

**56** exhibitors

## A huge reach

Initial feedback shows that **more countries are attending the congress, from all the continents**: Africa (+13%), Europe (+5%), the Americas (North and South), the Middle East and Central Asia (+28%), Asia Pacific (+10%)...

One major characteristic is **a significant rise in attendees from Asia**. From central Asia (including a new presence of Uzbekistan and Kyrgyzstan) to the Pacific region, the event is welcoming **new countries** (Bangladesh, North Korea, the Philippines, Cambodia) and recording **double-digit increases** and greater numbers of returning attendees, particularly from Japan.

The growth in numbers from Asia represents an even more positive appraisal given that it is consolidated by **the presence of historic contributors from both sides of the Atlantic**, with the top ten remaining identical to that of the 2012 event.

- |                   |                 |
|-------------------|-----------------|
| 1. France         | 6. Netherlands  |
| 2. Italy          | 7. Poland       |
| 3. United States  | 8. Belgium      |
| 4. Germany        | 9. Russia       |
| 5. United Kingdom | 10. Switzerland |

## Pioneering techniques with methods constantly under review: A state-of-the art program

Every edition offers the chance to assess the advances made in treatment techniques for heart rhythm disorders. This year was no exception.

## A miniature revolution

The miniaturization of implantable leadless devices represents a major technological breakthrough. Minimally invasive, these are approximately 90% smaller than traditional pacemakers and offer the huge advantage of significantly reducing complications due to the absence of intravascular leads. Experts gathered at CARDIOSTIM agree *"it is a very*

promising technology ... within 5 or 10 years down the line, we will be using many more leadless systems”.

**Cardiostim Innovation Awards** recognized **this ongoing revolution** distinguishing the two devices available, which are currently undergoing clinical assessment in patients.

## From connected devices to intelligent equipment

The other remarkable advance is based on the remote transmission capabilities of all devices (defibrillators and now pacemakers too), allowing better monitoring of patients and ensuring that care is more efficient and reliable, but less restrictive.

Finally, all implantable devices, including defibrillators, are now all MRI compatible.

Among the equipment featured this year was the LifeVest® system. This is not a new device, but it is now recognized for its capacity to prevent sudden death caused by ventricular rhythm disorder in temporarily high risk patients: those awaiting a permanent device, or who have just experienced a major infarction accompanied by ventricular rhythm disorders, for example.

## Navigation tools

Radiofrequency treatment for rhythm disorders received less coverage this year due to the attraction of cardiac devices. However new catheters were presented, as well as high-performance navigation systems based on geo-location technology and elaborate three-dimensional maps capable of identifying the anomalies that cause rhythm disorders, whether atrial or ventricular.

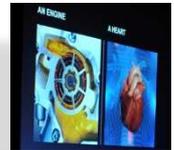
## Medication-based treatment

**NOACs (novel oral anticoagulants)** were among the topics dealt with in most detail in the program. These new molecules revolutionize the field by rendering therapies safer, simpler and more effective, making it possible to prevent thromboembolic complications, which can lead to patient hospitalization and increased costs for healthcare systems.

## CARDIOSTIM 2014 Innovation Awards

1. *Favorite innovation*  
**Nanostim Leadless Pacemaker**  
by St Jude Medical
2. *Patient care improvement*  
**Micra Transcatheter Pacing System**  
(TPS) by Medtronic
3. *Practice improvement*  
**Automatic MRI Mode**  
by Sorin Group

## The heart as an engine



At the **Opening Ceremony**, special guests from Formula 1 (including the head of *Engine Design* for the Renault team) enlightened attendees **on the very real, but no less surprising, analogies between a heart and an engine**, human machinery and mechanical technology... leaving professionals even more inspired by the respective fields.

For videos, images,  
press releases and press packs, visit  
[www.cardiostim.com](http://www.cardiostim.com)

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