



How partnership can improve lives of millions

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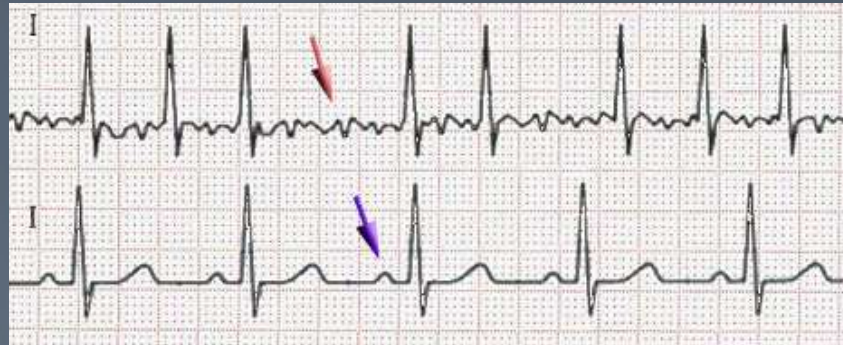
Czech-Israeli Technology Forum, Prague Dec 8th, 2009

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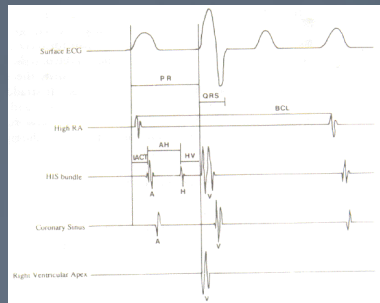
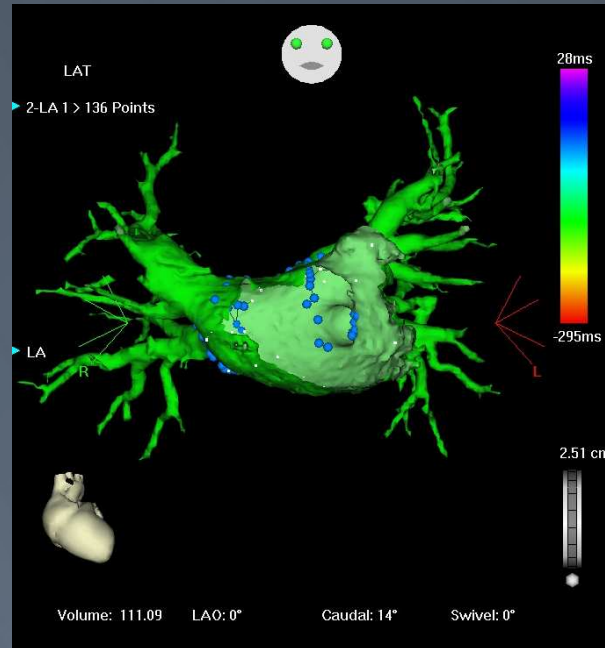
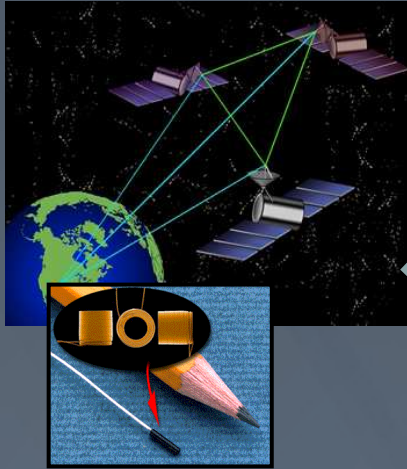
Atrial Fibrillation

- The most common arrhythmia
 - Prevalence around 4-5% of population
 - Risk of stroke, heart failure, breathless
- Irregular (fast or slow) heart rhythm



- Only curative treatment is catheter ablation
 - Long electric wires inserted to the heart through vessels. Electric current destroys the arrhythmic focus




Real-time 3D image of the heart



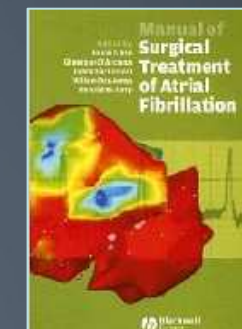
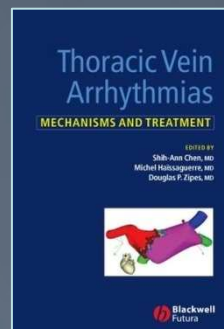
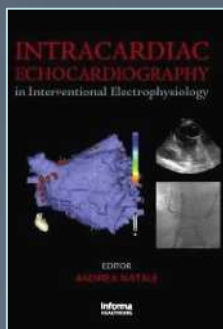
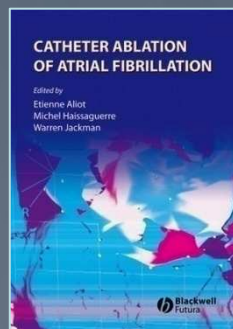
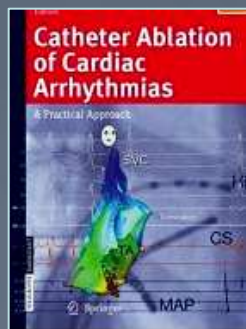
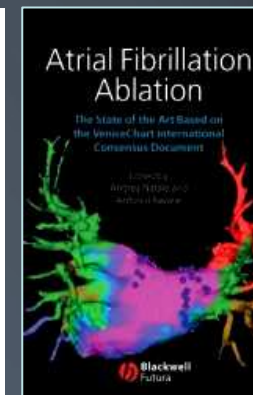
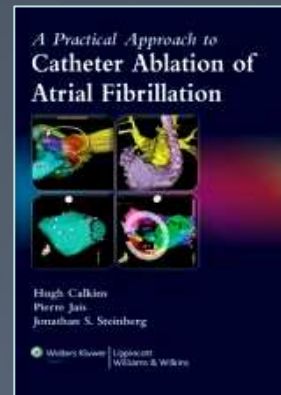
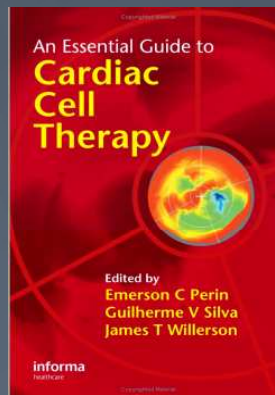
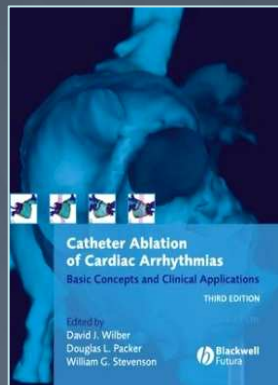
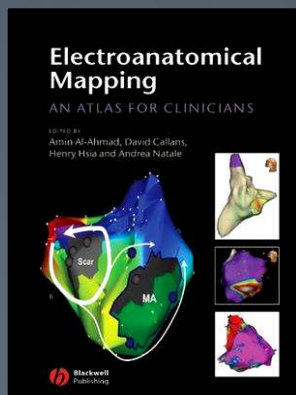
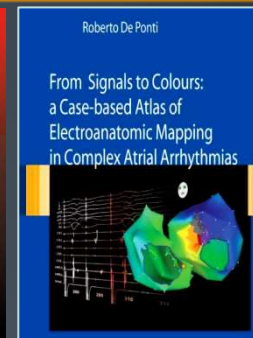
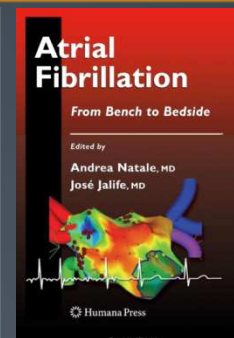
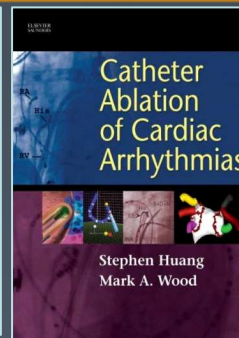
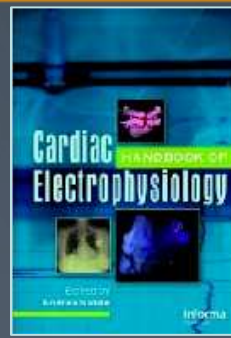
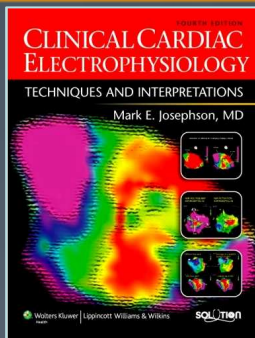
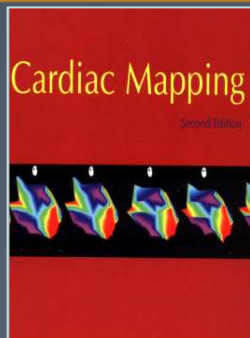
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 **Biosense Webster.**
a Johnson & Johnson company

History of Biosense Webster

- 1994 founded by Dr. Shlomo Ben-Haim 
- 1996 collaboration with Webster Labs 
- 1999 created  through JNJ acquisition
- Owns more than 350 patents and applications
- R&D staff – 111 engineers and clinical specialists
- Focus areas – future of medicine
 - 3D real time navigation
 - Image integration – CT, MRI, ultrasound...
 - Remote steering of the catheters
 - New areas like heart failure, neurosurgery, orthopedics

Being on cover page, when it really counts....



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Czech- Israeli Partnership



- Research & Development
 - WW leader in medical technologies
 - Access to innovation
- BiosenseWebster Israel
 - Team of software engineers, regulatory and clinicians
- Clinical testing of prototypes
 - Top country in catheter ablation treatment
 - Easy registration procedures
- Homolka Hospital & IKEM
 - Recognized clinical centers
 - Testing and providing feedback

Success Stories

First installation of CARTO XP V.6 2003

Testing of CARTOMERGE software

2005

Testing and developing CARTOSOUND module

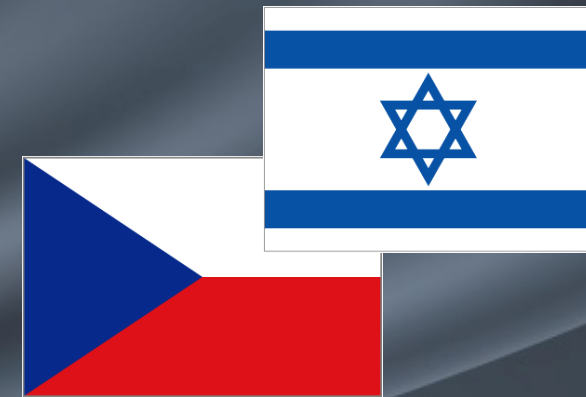
2007

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First in man testing of new catheter

2009 Biosense Webster.
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Cross-boarder cooperation is key on development of new diagnoses and treatments of severe disorders



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