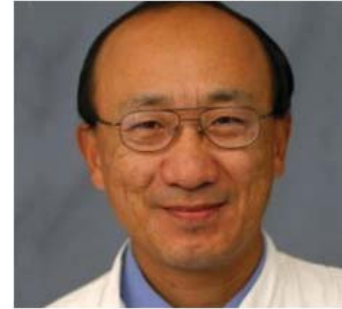




## Dr. Xu Chen



Rigshospitalet



Dr. Xu Chen

**Copenhagen, Denmark** – The Rigshospitalet Cardiology EP Department, lead by Dr. Xu Chen, is one of the world leaders in treatment of cardiac arrhythmia patients using Stereotaxis Technologies.

The technology used at Rigshospitalet, the Niobe Magnetic Navigation System, allows physicians like Dr. Xu Chen to treat cardiac arrhythmias with a greater degree of efficiency, safety and precision by driving powerful magnets positioned near the patient with sophisticated software used by the physician. The software maps a pathway through a patient's blood vessels and heart to the diseased heart tissue, and the magnets lead a soft catheter gently along this pathway by guiding its magnetic tip. This enables the physician to safely position the catheter in the precise location of the target tissue. The physician can then activate the catheter and effectively deliver the required treatment.

"First and foremost, for me it is a matter of safety," said Dr. Xu Chen. "We have experienced zero complications that we can relate to the Stereotaxis system. The second most important thing is that I can use much less radiation. I use on average 5 minutes fluoroscopy time for a atrial fibrillation ablation procedure, while I know international standards are around 30 minutes. This is very beneficial for the patients and hospital staff."

Dr. Peter Jacobsen, a fellow in Dr. Xu Chen's lab commented on the precision the system offers: "What I like about the system is that you are able to navigate very precise with it."

### *About Rigshospitalet*

Rigshospitalet's mission is to be Denmark's leading hospital for patients needing highly specialized treatment. Rigshospitalet's main specialist role has been enhanced in recent years by the decision that it should serve as the host institution for many of Copenhagen's speciality departments. Because of this, other hospitals refer patients to Rigshospitalet for the unique expertise available there. Rigshospitalet's neighbor, Panum Institute, houses the Health Sciences Faculty of Copenhagen University, and this proximity optimizes a close cooperation between the two in the fields of research and development. The Nordic Cochrane Centre and the University Centre for Nursing and Care Research are both placed within Rigshospitalet.