2012 Publications – Centre for Heart Rhythm Disorders

Book chapters


Conference papers

- Shivshankar Thanigaimani, MS, Pawel Kuklik, PhD, Anthony Brooks, PhD, Anand Ganesan, PhD, Rajiv Mahajan, MD, Julia Kim, BSc, Prashanthan Sanders, PhD and Dennis H. Lau, PhD. Time and frequency domain analysis of atrial electrograms during the initiation and pre-termination of atrial fibrillation in hypertensive sheep with remodeled atria. 2012. The 5th Asia pacific heart rhythm society scientific sessions in conjunction with 8th Asia pacific atrial fibrillation symposium. Journal of Arrhythmia. Vol 28; Supplement 2012.10; Page 704.
- Rajiv Mahajan, MD, Anthony Brooks, PhD, Nicholas Shipp, PhD, Hany Abed, MBBS, Shivshankar Thanigaimani, MS, Muayad Alasady, MD, Anand Ganesan, PhD, Sachin Nayyar, MD, Rajeev Pathak, MBBS, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD. 2012. Obesity and atrial fibrillation: Endocardial electroanatomic and structural remodeling with obesity in an ovine model. 2012. The 5th Asia pacific heart rhythm society scientific sessions in conjunction with 8th Asia pacific atrial fibrillation symposium. Journal of Arrhythmia. Vol 28; Supplement 2012.10; Page 230.
- Anand Ganesan, PhD, Pawel Kuklik, PhD, Anthony Brooks, PhD, Dennis H. Lau, PhD, Mathias Baumert, PhD, Wei Wen Lim, BSc, Shivshankar Thanigaimani, MS, Sachin Nayyar, MD, Rajiv Mahajan, MD, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD. Shannon entropy localizes the pivot zone of rotors: Implications for ablation. 2012. Vol 9, No 5 (May supplement) Page - S494. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA
- Rajiv Mahajan, MD, Anthony Brooks, PhD, Nicholas Shipp, PhD, Shivshankar Thanigaimani, MS, Hany Abed, MBBS, Muayad Alasady, MD, Han Lim, MBBS, Sachin Nayyar, MD, Anand Ganesan, PhD, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD.
Radioanatomical remodeling of the atria due to obesity. 2012. Vol 9, No 5 (May supplement) Page - S185. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA

- Rajiv Mahajan, MD, Anthony Brooks, PhD, John W. Finnie, PhD, Jim Manavis, Suchi Grover, MBBS, Joseph Selvanayagam, PhD, Shivshankar Thanigaimani, MS, Hany Abed, MBBS, Muayad Alasady, MD, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD. Epicardial fatty infiltration of atrial musculature creates the substrate for atrial fibrillation in obesity. 2012. Vol 9, No 5 (May supplement) Page - S124. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA

- Rajiv Mahajan, MD, Anthony Brooks, PhD, Nicholas Shipp, PhD, Shivshankar Thanigaimani, MS, Hany Abed, MBBS, Muayad Alasady, MD, Han Lim, MBBS, Sachin Nayyar, MD, Anand Ganesan, PhD, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD. Weight reduction is associated with a reverse remodeling of the atria but not the vulnerability for atrial fibrillation: A chronic ovine study. 2012. Vol 9, No 5 (May supplement) Page - S405. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA

- Shivshankar Thanigaimani, MS, Dennis H. Lau, PhD, Pawel Kuklik, PhD, Anand Ganesan, PhD, Julia Kim, BSc, Rajiv Mahajan, MD, Anthony Brooks, PhD and Prashanthan Sanders, PhD. Spatio-temporal profile of dominant frequency and complex fractionated atrial electrograms during atrial fibrillation in sheep with induced hypertension. 2012. Vol 9, No 5 (May supplement) Page - S333. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA.

- Geetanjali Rangnekar, BSc, Anthony Brook, PhD, Scott Willoughby, PhD, Melissa Middeldorp, Julia Kim, BSc, Shivshankar Thanigaimani, MS, Emilie Rasheed, Karen Drury, Elena Pancewicz, Pawel Kuklik, PhD, Kurt Roberts Thomson, PhD and Prashanthan Sanders, PhD. Presence of abnormal atrial substrate in newly diagnosed atrial fibrillation patients. 2012. Vol 9, No 5 (May supplement) Page-S7; Oral presentation - AB03-04. 33rd Annual scientific sessions of the Heart rhythm society, Massachusetts, USA.

Peer Reviewed Journals


Teh AW, Kistler PM, Lee G, Medi C, Heck PM, Spence SJ, Morton JB, Sanders P,


