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<td>Samuel E Schmidt, Ask S Jensen, Jacob Melgaard, Claus Graff, John Hansen, Tanveer A Bhuiyan, Johannes J Struijk</td>
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<td>Filtering Chest Compression Artifacts Improves the Performance of VF-detection Parameters.</td>
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<td>Unai Ayala, Unai Irusta, Jesús Ruiz, Felipe Alonso-Atienza, Erik Alonso, Digna González-Otero, Jo Kramer-Johansen, Henning Naas, Trygve Eftestøl</td>
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<td>Feasibility of Non-invasive Blood Pressure Estimation Based on Pulse Arrival Time: a MIMIC Database Study</td>
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### Measurement of Pulse Wave Velocity during Valsalva and Mueller Maneuvers by Whole Body Impedance Monitor
Magdalena Matejkova, Vlastimil Vondra, Josef Halamek, Ladislav Soukup, Filip Plesinger, Ivo Viscor, Pavel Jurak

### 12-7: Electrophysiology Modeling

#### Analysis of Electrogram Complexity during Atrial Fibrillation for Ablation Duration Assessment
Katarzyna Kośna, Piotr Podziemski, Lauren Wilson, Simon Stolcman, Prashanthan Sanders, Jan Gieraltowski, Jan J Zebrowski, Paweł Kuklik

#### Frequency Spectrum Correlation along Atria to Study Atrial Fibrillation Recurrence
Raquel Cervigón, Javier Moreno, Jorge García-Quintanilla, Julián Pérez-Villacastín, José Millet, Francisco Castells

#### Loss of Transverse-Tubules Promotes the Development of Ectopic Activity in Guinea-pig Ventricle
Michael A Colman, Sanjay Kharche, Henggui Zhang

#### The Effect of Scar Tissue on Complexity of Activation Patterns in Simulated Human Ventricular Fibrillation
Sathyavani Malyala, Richard H Clayton

#### Motion Analysis Method for Determining Cardiomyocyte Beating Properties Based on Digital Image Correlation and Templates
Antti Ahola, Paruthi Pradhapan, Eeva Laurila, Katriina Aalto-Setälä, Jari Hyttinen

### 13-1: Plenary

#### Uncovering Clinical Significance of Vital Sign Dynamics in Critical Care
Li-wei H Lehman, Shamim Nemati, George B Moody, Thomas Heldt, Roger G Mark

#### Ethnic Variation in Prevalence of End QRS Notching and Slurring in Apparently Healthy Populations
Elaine N Clark, Peter W Macfarlane

#### Bidomain Simulations of Subendocardial Ischemia: The Forward and Inverse Problems
Marius Lysaker, Bjørn Fredrik Nielsen, Samuel Wall