Seg3D Collaborative Projects

Josh Cates
April 10, 2012
Scleroderma and COPD
Dr. Boaz Markowitz, Utah

Assessment of Pulmonary Fibrosis
Lesion Tracking for Macular Degeneration
Dr. Bala Ambati, Moran Eye Center
Mice Osteochondroma Characterization
Dr. Kevin Jones, Huntsman Cancer Institute

[Image of a histological section and a digital analysis tool]

Monday, April 9, 2012
Pediatric Cardiology: Marfan and Loeys-Dietz
Dr. Michael Puchalski, Primary Childrens, Utah
Femoroacetabular Impingement
Dr. Andrew Anderson, University of Utah Orthopedics
Atrial Fibrillation Research and Management
CARMA Center, University of Utah

Normal Contraction  Atrial Fibrillation
Atrial Fibrillation Research and Management
CARMA Center, University of Utah

Substrate + Triggers
LA: Left atrium; PV: Pulmonary vein

Atrial Fibrillation Research and Management
CARMA Center, University of Utah
Atrial Fibrillation Research and Management
CARMA Center, University of Utah
Atrial Fibrillation Research and Management
CARMA Center, University of Utah

Atrial Fibrillation Research and Management
CARMA Center, University of Utah

Recurrence by Pre-Ablation Delayed Enhancement

Proportion of Patients in Sinus Rhythm

Days since Ablation

Utah I
Utah II
Utah III
Utah IV

<5% SRM
5-20% SRM
20-35% SRM
>35% SRM
Atrial Fibrillation Research and Management
CARMA Center, University of Utah