**Figure:** Panels A-B) Electroanatomical mapping of left atrium and pulmonary veins before and after cryoablation, respectively. Panel C) 3D CT reconstruction of left atrium (grey) and persistent left subclavian vein (red) draining into a dilated coronary sinus (red). Panel D) Electrograms demonstrate AF despite isolation of the LSPV. Panel E) Electrograms demonstrate sinus rhythm after PVI of all four veins.