Figure 1. Prototype device, positioning and MRI before and after left atrial ablation in second animal. A- A prototype novel cardio-embolic protection device through which an ablation catheter can be advanced. B- Intra-cardiac echocardiograph image demonstrating adequate position of the device in the left atrium. C- A sample baseline axial diffusion-weighted imaging (DWI) MRI image of brain before ablation procedure. D- Follow-up DWI of the same animal 3 days after ablation using the cardio-embolic protection device. E- A sample axial T2 FLAIR image MRI of the same animal before ablation procedure. F- Follow up T2 FLAIR image MRI of the same animal three days after ablation procedure. These images and all other images throughout the brain (not shown) were normal without evidence of infarct or brain lesion.