1. Comparison of lesion dimensions for 56P and 6P catheters. 20 W was delivered for 30 seconds with LFR for 56P & 6P was at 2 cc/min, SFR for 56P was 8 cc/min, SFR for 6P was 17 cc/min. P<0.05 is represented with asterix. A: Comparison of lesion depth [mm]. LFR led to deeper lesion for 6P. B: Comparison of lesion surface areas [mm²]. LFR results in larger surface areas that SFR for both 56P & 6P. Under the same power and IFRs settings RFA with 56P results in larger surface areas compared to 6P. C: For 56P SFR (8 cc/min) lead to larger lesion volume then LFR (2 cc/min). For 6P LFR (2 cc/min) lead to larger lesion volume than SFR (17 cc/min).

2. Ablation lesion dimensions and lesion surface area and volume. Illustration of 6P and 56P irrigation design.