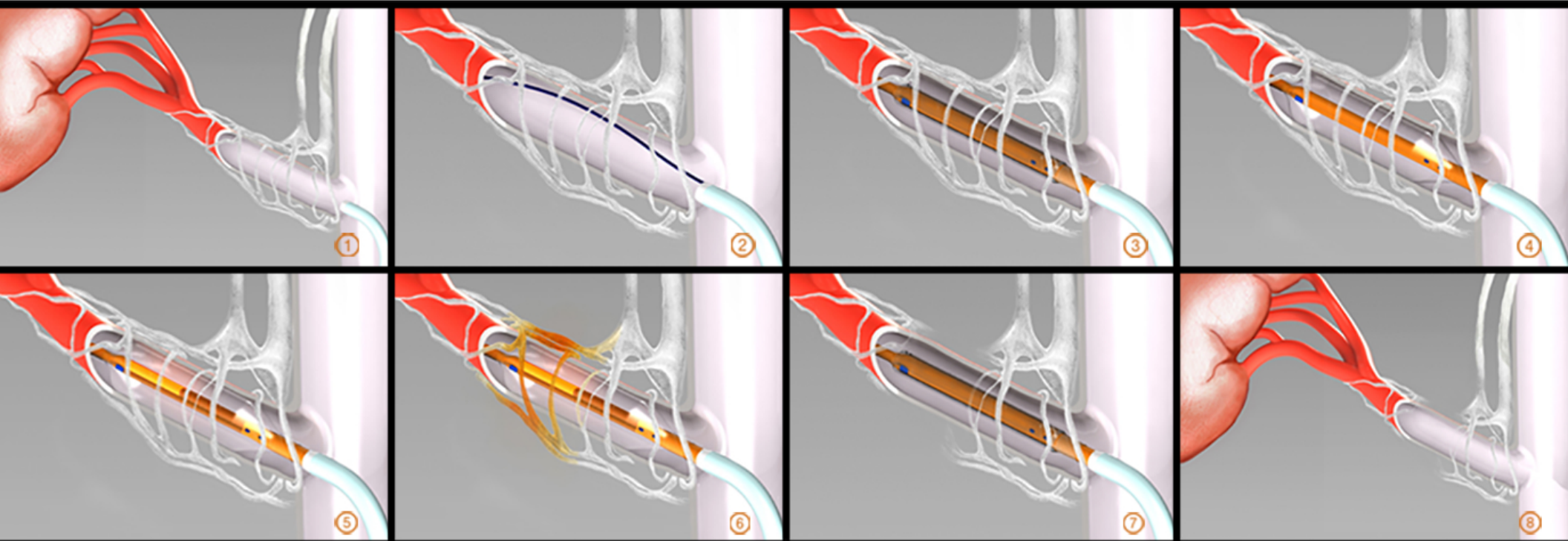


The Symple Surgical Renal Denervation System



The Symple Surgical Renal Denervation System utilizes a proprietary PTA-style catheter following common minimally-invasive procedure techniques. 1) Renal Access is achieved through a common femoral access point in the groin; 2) the DirectAblate Renal Denervation Catheter™ is delivered via a 7-French Guiding Catheter over a standard 0.014" guide wire; 3) designed to be highly deliverable and self-centering, the DirectAblate Catheter™ can access even challenging renal artery anatomies. 4) The DirectAblate Catheter™ automatically inflates to 6 atm of pressure via the automated control system; 5) Internal cooling flow is activated by the control system to ensure no thermal damage is caused to the renal artery wall or medial layers; 6) The DirectAblate™ Control System, using a proprietary algorithm and feedback loop, delivers a 90-second dose of Microwave Energy creating a single circumferential-ablation per renal artery; 7) peak nerve temperature for permanent impairment are achieved locally while the artery walls and collateral bodies are safely preserved below damaging temperatures; 8) after treatment the catheter is deflated and removed. The surface of the renal artery remains free from thermal damage.

The Symple Surgical Renal Denervation System and DirectAblate Catheter™ are currently in development stage and not available for human use.