

Supplementary Table 1 the materials' list used of each institution

| | High-frequency generator | Injection needle | Snare | Injection solution |
|---|--------------------------|---------------------------------|-------------------------------|--|
| A | ERBE VIO 200D | M00511730 (Boston Scientific) | MTN-PFS-E-24/23 (Micro-Tech) | Glycerol fructose or normal saline |
| B | ERBE VIO 200S | NM-400U-0425 (Olympus) | PTS-2323-30-A (PENGTIAN) | Normal saline |
| C | ERBE VIO 200S | NM-400U-0423 (Olympus) | JHY-SD-23-230-30-A1 (JIUHONG) | Glycerol fructose, normal saline or sodium hyaluronate |
| D | ERBE VIO 200D | NM-400U-0425 (Olympus) | NOE342216-G (ENDO-FLEX GmbH) | Normal saline |
| E | ERBE VIO 300S | NM-200L-0425 (Olympus) | PTS-1818-20-A (PENGTIAN) | Normal saline |
| F | ERBE VIO 200D | ATE-ZSZ-C-23*2000*25*4 (AteTec) | PTS-2323-30-A (PENGTIAN) | Normal saline |
| G | ERBE VIO 200D | NM-400U-0425 (Olympus) | JHY-SD-23-230-30-A1 (JIUHONG) | Normal saline |

Institution A: The First Affiliated Hospital, College of Medicine, Zhejiang University

Institution B: Renmin Hospital of Yuyao City, Zhejiang, China

Institution C: Jinhua Municipal Central Hospital, Zhejiang, China

Institution D: Taizhou Hospital, Zhejiang, China

Institution E: The Central Hospital of Lishui City, Zhejiang, China

Institution F: Ningbo Medical Center Lihuili Hospital, Zhejiang, China

Institution G: Ningbo First Hospital, Zhejiang, China