

## **Transurethral Laser Litotripsy for Renal Staghorn Stones Using Flexible Ureterorenoscope**

**Materials and Methods:** A total of 12 patients with renal staghorn stones underwent transurethral laser lithotripsy using flexible ureterorenoscope (f-TUL). A flexible ureterorenoscope was successfully introduced up to the stones in all patients. All of the cases received 1 to 6 sessions of f-TUL for complete fragmentation using Holmium:YAG laser device without severe complication: 3 cases received a single session, 4 cases received two sessions, 3 cases received three sessions. The remaining 2 cases received over four sessions.

**Results:** After the stones were removed as much as possible, a double J stent was inserted and the patients were discharged.

**Conclusion:** f-TUL is safe and suitable endoscopic surgery for renal staghorn stones not only for small renal stone and ureteral stone.