**Supplementary Table 1.** Postoperative results of MAG3 Renograms after Robotic ureteroureterostomy at 3 and 12 months follow up appointments.

| Patients | MAG3 results (3 months) | MAG3 (12 months) |
|----------|-------------------------|------------------|
| 1        | No obstruction/ Function Right kidney 38% from 32% preop | No obstruction/ Split Function unchanged |
| 2        | No obstruction/ Function Left kidney 56% from 53% preop | No obstruction/ Split Function unchanged |
| 3        | No obstruction/ Split function unchanged | No obstruction/ Split Function unchanged |
| 4        | No obstruction/ Function Left kidney 39% from 38% preop | No obstruction/ Split Function unchanged |