## Data Sharing Statement

| Item | Question                                                                 | Authors’ Response                                                                 |
|------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------|
| 1    | Would you like to share data collected for your study to others?         | Yes                                                                               |
| 2    | If not, would you like to share the reason for your decision?            | -                                                                                 |
| 3    | What data in particular will be shared?                                  | The geometric parameters of MR urethrography will be shared. The correlation between the characteristic and surgical approaches will also been provided. |
| 4    | Any other documents will be shared? Such as study protocol, statistical analysis plan, informed consent form, clinical study report, analytic code. | The study protocol, statistical analysis plan, informed consent form will be shared if requested. |
| 5    | When will data availability begin?                                       | From the publication date.                                                        |
| 6    | When will data availability end?                                         | One year within the publication date.                                              |
| 7    | To whom will you share the data?                                        | Reconstructive urologists who are interested in MRI or urethroplasty.              |
| 8    | For what type of analysis or purpose?                                   | For analysis to evaluate the value of MR urethrography in pre-assessing the surgical approach of urethroplasty. |
| 9    | How or where can the data/documents be obtained?                         | Emails could be sent to the address below to obtain the shared data: ljsong@sjtu.edu.cn |
| 10   | Any other restrictions?                                                 | We may balance the potential benefits and risks for each request and then provide the data that could be shared. |