

Supplementary Table 1. Comparison between standard care and the team-based healthcare intervention

	Admission		Preoperative care		Preoperative preparation		Postoperative care		WeChat follow-up	
	C	I	C	I	C	I	C	I	C	I
Head nurse										
Team formation and weekly evaluation of team-based health-care protocol			x	✓	x	✓	x	✓	x	✓
Development of nursing protocol for the specific type of hypospadias of the patient			x	✓						
Sustained online support and online monitoring									x	✓
Assigned nurse										
Introduction to hospital and department ward	✓	✓								
Introduction to safety protocols, infection prevention and recommended diet	✓	✓								
Monitoring psychological state of parents and explanation of the disease and treatment					✓	✓				
Token-reward system for treatment adherence							x	✓		
Postoperative advice on diet and physical activity							✓	✓		
Explanation on medication use							✓	✓		
Explanation on catheter care							✓	✓		
Assessment of blood circulation and urine							✓	✓		
Weekly online education on home care and catheter maintenance									x	✓
Attending physician										
Formation of surgical treatment plan 1–2 days after admission			✓	✓						
Sustained online support and online monitoring									x	✓
Health educator										
Daily education on disease and emotional support										
Bi-weekly follow-up calls	x	✓	x	✓	x	✓	x	✓	x	✓
Supplementary online guidance									x	✓
Anesthetist										
Daily visits to the patient to adjust pain management strategy as required							x	✓		

C, control group; I, intervention group.