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## APPENDICES

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### Appendix A. Abbreviations

ACE- Abundance-based coverage estimator  
AE- Adverse event  
AHRQ- Agency for Healthcare Research and Quality  
CAUTI- Catheter acquired UTIs  
CNMC- Children’s National Medical Center  
DSMB- Data Safety Monitoring Board  
EAU- European Association of Urology  
FDA- the Food and Drug Administration  
GU- Genitourinary infectious  
HIPAA- Health Insurance Portability and Accountability Act  
ICIQ- Incontinence Impact Questionnaire  
ICS- International Continence Society  
IDSA- Infectious Diseases Society of America  
IND- Investigational New Drug  
IPSS- International Prostate Symptom Score  
LE- Leukocyte Esterase  
LGG- Lactobacillus GG  
LUTS- Lower Urinary Tract Symptom Score  
MD- Medical Doctor  
MPH- Master in Public Health  
MS- Multiple Sclerosis  
MSPH- Master of Science in Public Health  
NIDRR- National Institute on Disability and Rehabilitation Research  
OTU- Operational Taxonomic Unit  
PCORI- Patient Centered Outcomes Research Institute  
PhD- Doctorate in Philosophy  
RBC- Red Blood Cell  
REDCap- Research Electronic Data Capture  
SA- Specific Aim  
SAE- Serious adverse event  
SCI- Spinal Cord Injury  
SMP-Pro- Self-Management Protocol using Probiotics  
SB- Spina Bifida  
UDI-6- urogenital distress inventory  
USA- United Spinal Association  
USQNB-IC- Urinary Symptoms Questionnaire for individuals with Neurogenic bladder using Intermittent Catheterization  
UTI- Urinary Tract Infections  
WBC- White Blood Cell