**Supplementary material Codebook of categorical data for all variables in the raw data**

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| Variable | Assignment method |
| Independent variable |   |
| Combined with hypertension | Yes =1 , No =0 |
| Combined with diabetes | Yes =1 , No =0 |
| Combined with urinary calculi | Yes =1 , No =0 |
| Neurogenic bladder type | Detrusor overactivity=1, Detrusor inactiviety type=2, Mixed type=3 |
| Catheterization method | Indwelling catheterization =1 , intermittent catheterization/voiding =0 |
| Preventive use of antibacterial drug | Yes =1 , No =0 |
| Bladder training intervention time | ≥2 weeks =1 , <2 weeks =0 |
| Hypoproteinemia | Yes =1 , No =0 |