**Supplemental Table 1.** Exclusion criteria detail

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| --- | --- |
| Variable | Definition |
| Chronic kidney disease | End-stage CKD, preoperative estimated glomerular filtration rate (GFR) <60 ml·min−1·1.73 m−2 or need for dialysis |
| Urological procedures including relief of urinary obstruction, nephrectomy, or renal transplantation | ICD 9 codes:  Relief of urinary obstruction:5501, 5502, 5503, 5504, 5511, 5512, 560, 570, 5741, 5749, 602, 6021, 6029, 6096, 6097, 603, 604, 605, 6061, 6062 and 6069.  Nephrectomy: 554, 5551, 5552, 5553 and 5554  Renal transplantation: 5561 and 5569 |

CKD= chronic kidney disease; ICD = International Classification of Diseases