

Supplemental Information

SUPPLEMENTAL TABLE 4 Number of Included Cases by Site

| Site | Location | No. Cases |
|---|--|-----------|
| Children's Healthcare of Atlanta | Atlanta, Georgia | 10 |
| Children's Hospital Los Angeles | Los Angeles, California | 72 |
| Children's Minnesota | Minneapolis, Minnesota | 30 |
| Lucile Packard Children's Hospital Stanford | Palo Alto, California | 25 |
| Kaiser Permanente Northern California | Multiple locations in northern California (10 inpatient units and affiliated outpatient clinics) | 119 |
| Seattle Children's Hospital | Seattle, Washington | 60 |

SUPPLEMENTAL TABLE 5 Characteristics of Study Population, Excluded Patients, and Those With Missing Information

| | Study Population (<i>N</i> = 316) | Excluded Because of Lack of Follow-up (<i>n</i> = 83) | <i>P</i> | Study Population | | <i>P</i> |
|---|---------------------------------------|---|----------|---|---|----------|
| | | | | Clinical Response Recorded (<i>n</i> = 230) | Clinical Response Not Recorded (<i>n</i> = 86) | |
| Age, median (IQR) | 2.4 (0.6–6.5) | 4.5 (0.9–9.0) | .002 | 1.8 (0.4–5.6) | 4.5 (1.7–7.2) | <.001 |
| Female sex, <i>n</i> (%) | 247 (78.2) | 69 (83.1) | .32 | 167 (72.6) | 80 (93.0) | <.001 |
| Presenting symptoms, <i>n</i> (%) | | | | | | |
| Fever | 201 (63.6) | 42 (50.6) | .018 | 160 (69.6) | 41 (47.7) | <.001 |
| Nausea and/or vomiting | 73 (23.1) | 16 (19.3) | .46 | 59 (25.7) | 14 (16.3) | .08 |
| Poor oral intake | 64 (20.3) | 8 (9.6) | .025 | 52 (22.6) | 12 (14.0) | .09 |
| Fussiness and/or irritability | 39 (12.3) | 5 (6.0) | .10 | 34 (14.8) | 5 (5.8) | .03 |
| Abdominal/back pain | 52 (16.4) | 14 (16.9) | .93 | 33 (14.4) | 19 (22.1) | .10 |
| Dysuria | 113 (35.8) | 48 (57.8) | <.001 | 66 (28.7) | 47 (54.7) | <.001 |
| Abnormal urine odor | 48 (15.2) | 20 (24.1) | .055 | 39 (17.0) | 9 (10.5) | .15 |
| Hospitalized on initial presentation, <i>n</i> (%) | 44 (13.9) | 5 (6.0) | .051 | 43 (18.7) | 1 (1.2) | <.001 |
| VUR or renal abnormalities, <i>n</i> (%) | 16 (5.1) | 1 (1.2) | .12 | 6 (2.6) | 1 (1.2) | .43 |

VUR, vesicoureteral reflux.