

| Variable                                |                                  | Odds              |         |                   |         |
|---|----------------------------------|-------------------|---------|-------------------|---------|
|   |                                  | Unadjusted        |         | Adjusted          |         |
|   | Any RVT at 1 <sup>st</sup> Visit | OR (95% CI)       | p-value | OR (95% CI)       | p-value |
| <b>Admitted at 2<sup>nd</sup> Visit</b> | Yes                              | 2.18 (1.41, 3.43) | <0.001  | 1.93 (1.14, 3.25) | 0.014   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Urine Testing</b>                    | Yes                              | 0.5 (0.28, 0.86)  | 0.015   | 1.08 (0.58, 2.04) | 0.801   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Electrolytes (CMP/BMP)</b>           | Yes                              | 1.71 (0.96, 3.09) | 0.069   | 1.28 (0.66, 2.49) | 0.46    |
|   | No                               | Ref               |         | Ref               |         |
| <b>CBC</b>                              | Yes                              | 2.3 (1.15, 4.86)  | 0.022   | 1.17 (0.54, 2.52) | 0.693   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Blood Culture</b>                    | Yes                              | 1.62 (0.51, 5.54) | 0.412   | 0.7 (0.22, 2.25)  | 0.546   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Any Blood or Urine Test</b>          | Yes                              | 1.57 (0.92, 2.7)  | 0.1     | 1.2 (0.65, 2.23)  | 0.558   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Imaging</b>                          | Yes                              | 0.58 (0.38, 0.88) | 0.011   | 0.91 (0.56, 1.48) | 0.707   |
|   | No                               | Ref               |         | Ref               |         |
| <b>IV Hydration</b>                     | Yes                              | 1.48 (1.02, 2.16) | 0.038   | 1.15 (0.74, 1.78) | 0.535   |
|   | No                               | Ref               |         | Ref               |         |
| <b>Antibiotic Use</b>                   | Yes                              | 1.31 (0.89, 1.95) | 0.175   | 1.2 (0.77, 1.89)  | 0.423   |
|   | No                               | Ref               |         | Ref               |         |

Table 2: Association between RVT testing at first PED visit and (1) disposition (2) urine testing (3) Blood testing (4) imaging (5) IV hydration and (6) antibiotic use at 72-hour return visit. (RVT = respiratory viral testing, CMP= complete metabolic panel, BMP = basic metabolic panel, CBC = complete blood count, IV = intravenous)