TABLE 1. Factors Associated with Long Treatment Duration and Non–First-Line Choice of Treatment for Skin and Soft-Tissue Infections and Presumed Animal Bites

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Long Duration | | Non–First-Line Choice | |
| aOR (95% CI)a | *P* Value | aOR (95% CI)a | *P* Value |
| **County of residence** | | | | |
| Rural | 0.71 (0.586–0.848) | .0002 | 1.73 (1.352–2.219) | <.0001 |
| High Poverty | 1.45 (1.207–1.747) | <.0001 | 1.23 (0.962–1.571) | .0987 |
| **Prescriber type** |  | | | |
| Pediatric medicine | Referent | | Referent | |
| Emergency medicine | 0.37 (0.317–0.423) | <.0001 | 3.14 (2.549–3.868) | <.0001 |
| Family medicine | 0.43 (0.368–0.507) | <.0001 | 2.77 (2.212–3.469) | <.0001 |
| Nurse practitioner | 0.64 (0.546–0.752) | <.0001 | 1.82 (1.452–2.291) | <.0001 |
| Physician assistant | 0.37 (0.313–0.448) | <.0001 | 2.81 (2.182–3.627) | <.0001 |
| Other | 0.33 (0.275–0.404) | <.0001 | 2.34 (1.766–3.098) | <.0001 |
| Facility charge onlyb | 0.36 (0.277–0.456) | <.0001 | 1.42 (0.887–2.282) | .1431 |
| **Age, y** |  | | | |
| 0–2 | Referent | | Referent | |
| 3–5 | 0.91 (0.776–1.074) | .2717 | 1.21 (0.95–1.534) | .1231 |
| ≥6 | 0.67 (0.592–0.762) | <.0001 | 1.66 (1.378–1.994) | <.0001 |
| **Type of infection** |  |  |  |  |
| Presumed animal bite | 0.41 (0.255–0.682) | .0005 | 2.05 (1.145–3.66) | .0157 |
| Impetigo/folliculitis | 1.25 (0.798–1.973) | .3256 | 1.54 (0.931–2.547) | .0925 |
| Cellulitis/abscess | 1.05 (0.663–1.673) | .8253 | 2.22 (1.314–3.747) | .0029 |

NOTE. aOR, adjusted odds ratio. CI, confidence interval.

aAdjusted odds ratios presented account for all factors listed in the model (all are listed in the table.).

bA facility, rather than a specific prescriber, was listed on the pharmacy claim. Most facility charges only are in an emergency department setting.