**Supplemental Tables**.

Supplemental Table 1. Practice Engagement, Ranked from Most-engaged to Least-engaged

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Practice** | **Count of Times Practice Accessed** **Dashboarda** | **Count of Stewardship Toolkit Logins** **per Practice** | **Count of Project-related Meetings** | **Count of Changes Related to Interventions** | **Participation in American Board of Pediatrics MOC 4 Credit** |
| **B** | 114 | 15 | 5 | 11 | Yes |
| **D** | 15 | 3 | 4 | 8 | Yes |
| **A** | 229 | 7 | 4 | 5 | Yes |
| **E** | 2 | 1 | 5 | 4 | First 6-months only |
| **C** | 26 | 12 | 4 | 3 | No |

aSome practices used dashboard for other reasons (vaccine monitoring, insurance)

Supplemental Table 2. Percent of Otitis Media and Streptococcal Pharyngitis Encounters with Guideline-Concordant Antibiotic Therapy, by Practice

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Variable**(Median, IQR) (n encounters) | **Baseline** | **Pre-COVID Intervention** | **Post-COVID Intervention** | **Difference from baseline in medians pre-COVID** | **Difference from baseline in medians post-COVID** | ***p*-value** |
| **Otitis Media** |
| **Practice A** | 74.5(70.8, 80.1)(4,531) | 77.0(80.9, 83.5)(1,696) | 81.3(75, 86.9)(657) | + 2.5 | + 6.8 | <0.001 |
| **Practice B** | 76.6(73.3, 81.4)(6,015) | 89.3(87.9, 91.0)(2,317) | 91.6(88.8, 100)(603) | + 12.7 | + 15 | <0.001 |
| **Practice C** | 75.5(72.1, 78.7)(9,771) | 81.3(80.4, 83.7)(3,542) | 82.1(79.4, 85.9)(1,923) | + 5.8 | + 6.6 | <0.001 |
| **Practice D** | 57.1(46.3, 73)(1,466) | 82.54(80.9, 87.2)(757) | 87.5(79.3, 100)(281) | + 25.4 | + 30.4 | <0.001 |
| **Practice E** | 75.6(70.2, 78.9)(4,540) | 74.3(71.4, 75.3)(1,056) | 80(72.2, 88.4)(703) | -1.3 | + 4.4 | 0.002 |
| **Streptococcal pharyngitis** |
| **Practice A** | 77.4(72.8, 85.7)(1,411) | 88.7 (84.8, 92.3)(709) | 85.7(76.4, 100)(257) | +11.3 | +8.3 | <0.001 |
| **Practice B** | 84.6(78.7, 90.7)(1,506) | 89.6(87.6, 91.7)(792) | 85.7(73.2, 100)(254) | +5 | +1.1 | 0.038 |
| **Practice C** | 62.1(57.4, 66.9)(7,523) | 67.6(65.1, 70.4)(3,538) | 71.8(64, 77.8)(2,790) | + 5.5 | + 9.7 | <0.001 |
| **Practice D** | 33.3(25, 42.9)(904) | 80(75.9, 91.7)(346) | 100(75, 100)(79) | + 46.7 | + 66.7 | <0.001 |
| **Practice E** | 75(66.7, 82.1)(1,456) | 78.9(75, 81.4)(379) | 80(66.7, 100)(203) | +3.9 | +5 | 0.56 |