**Supplemental Table 8**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| KSA mapped to ACGME competencies | December 2011 | June 2012 | aP value | December 2012 | bP value | June 2014 | cP value |
| Care coordination   * Practice based learning * Inter-personal and communication skills * Systems-Based Practices | 4.1 (3.6 – 4.6) | 4.3 (4.0 – 4.6) | 0.039 | 4.4 (4.1 – 4.7) | 0.033 | 4.4 (3.8 – 4.6) | 0.038 |
| Information system support   * System based skills | 3.9 (3.4 – 4.4) | 4.2 (3.8 – 4.5) | 0.041 | 4.1 (3.6 – 4.5) | 0.003 | 4.2 (3.6 – 4.6) | 0.008 |
| Patient centered care   * Patient care and procedural skills * Professionalism * Interpersonal communication skills * Practice-based Learning & Improvement | 3.8 (3.4 – 4.2) | 4.3 (4.0 – 4.5) | 0.037 | 4.1 (3.8 – 4.4) | 0.012 | 4.2 (3.7 – 4.6) | 0.001 |
| Population management   * Interpersonal and communication skills * Practice based learning * System based Practices * Medical Knowledge | 3.8 (3.5 – 4.1) | 4.1 (3.9 – 4.4) | 0.051 | 4.1 (3.6 – 4.3) | 0.003 | 4.2 (3.7 – 4.6) | 0.002 |
| Quality Improvement   * Practice based learning * System based skills | 4.1 (3.6 – 4.3) | 4.1 (3.7 – 4.3) | 1.000 | 4.3 (4.0 – 4.5) | 0.012 | 4.3 (3.8 – 4.6) | 0.004 |
| Self management support   * Medical knowledge * Inter-personal and communication skills * Patient Care * Systems-based Practices | 3.8 (3.5 – 4.1) | 3.9 (3.5 – 4.1) | 0.3001 | 4.1 (3.6 – 4.3) | 0.003 | 4.2 (3.7 – 4.6) | <0.001 |
| Team approach   * System based skills * Practice based learning & Improvement * Professionalism * Interpersonal & Communication Skills | 4.7 (4.1 – 5.0) | 4.6 (4.0 – 4.9) | 0.806 | 4.6 (4.0 – 5.0) | 0.803 | 4.6 (4.0 – 4.8) | 0.156 |
| Treatment of Mental Health issues   * Professionalism * Inter-personal and communication skills * Medical Knowledge * Patient Care | 4.3 (4.0 – 4.7) | 4.4 (3.6 – 5.0) | 0.586 | 4.1 (3.4 – 4.5) | 0.526 | 4.5 (3.8 – 5.0) | 0.280 |
| Use of Guidelines   * Medical knowledge * Practice-Based Learning & Improvement * Systems-Based Practices * Patient Care | 4.1 (3.3 – 5.0) | 4.0 (3.3 – 4.6) | 0.933 | 4.6 (4.0 – 5.0) | 0.025 | 4.4 (4.0 – 4.9) | 0.028 |

**aDecember 2011 compared to June 2012**

**bDecember 2011 compared to December 2012**

**cDecember 2011 compared to June 2014**