The Quality Measure Impact Tool-Community Pharmacy (QMIT-CP) is a reliable tool to identify quality measures community pharmacists may impact.

**Background & Rationale**

- The Merit-based Incentive Payment System (MIPS) is one of two tracks in the Quality Payment Program, which moves Medicare Part B providers to a performance-based system.
- The MIPS is a value-based model that ties payment to clinician performance scores across four categories, with the majority of the score based on a broad range of quality measures.
- Many measures are medication-related, yet pharmacists are not considered MIPS-eligible clinicians even though they can play an important role in helping clinicians achieve their performance objectives.
- Currently, there is no tool to assess pharmacist ability to impact quality measures.

**Objective**

- To develop and assess reliability of a tool to evaluate community pharmacist ability to impact quality measures.

**Methods**

- Multidisciplinary, healthcare subject matter experts were interviewed to determine criteria that evaluate community pharmacist ability to impact quality measures.
- The draft tool was then reviewed by researchers and subject matter experts in various healthcare professions to assess face validity and make refinements.
- Iterative, interrater reliability was assessed by two independent reviewers using a random 20% sample of the 2017 MIPS measure set.
- Absolute agreement and kappa statistics were calculated, and the tool was refined based on the results.
- The tool was then applied to the full 2017 MIPS measure set by two reviewers, and interrater reliability was evaluated.
- Kappa statistics were interpreted using the following criteria:

<table>
<thead>
<tr>
<th>Kappa value</th>
<th>Interpretation</th>
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<tbody>
<tr>
<td>0.00 – 0.20</td>
<td>Slight agreement</td>
</tr>
<tr>
<td>0.21 – 0.40</td>
<td>Fair agreement</td>
</tr>
<tr>
<td>0.41 – 0.60</td>
<td>Moderate agreement</td>
</tr>
<tr>
<td>0.61 – 0.80</td>
<td>Substantial agreement</td>
</tr>
<tr>
<td>0.81 – 0.99</td>
<td>Almost perfect agreement</td>
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</table>

**Results**

- The quality measure impact tool-community pharmacy (QMIT-CP) is comprised of five criteria to assess quality measures for community pharmacist impact potential.
- All criteria utilized a dichotomous scale (0 vs 1).
- Summed scores were used to categorize pharmacist impact as “high” (4-5), “moderate” (2-3), or “low” (0-1).

**Limitations**

- Reliability results may not be generalizable to other users.
- Additional work is needed to evaluate the utility of the QMIT-CP to other quality measure sets (e.g., health system-level measures, Medicare Shared Savings Program).

**Conclusions**

- The QMIT-CP is a reliable tool to characterize quality measures that community pharmacists may impact.
- The QMIT-CP can be used to support innovative team-based care and enhance value-based contracting.
- Evaluating the relative magnitude of pharmacist impact on quality measures is warranted.

**References**


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