QUALITY OF LIFE MEASURE IN SPECIALTY PHARMACY

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Specialty Pharmacies (SPs) offer a unique service to patients with complex diseases. Accreditation standards require SPs to evaluate its program benefits including measuring quality of life (QoL). There is no gold standard for a QoL instrument within the industry, thus evaluation for specific measurement system could act as a foundation for SPs to observe QoL outcomes. Patient Reported Outcomes Measurement Information System Short Form (PROMIS-10) is a validated survey available within the patient management software of TherigySTM. The survey is a short 10-item instrument that can measure a patient’s mental and physical domains and can be used across multiple diseases.

Background
Specialty Pharmacies (SPs) offer a unique service to patients with complex diseases. Accreditation standards require SPs to evaluate its program benefits including measuring quality of life (QoL). There is no gold standard for a QoL instrument within the industry, thus evaluation for specific measurement system could act as a foundation for SPs to observe QoL outcomes. Patient Reported Outcomes Measurement Information System Short Form (PROMIS-10) is a validated survey available within the patient management software of TherigySTM. The survey is a short 10-item instrument that can measure a patient’s mental and physical domains and can be used across multiple diseases.

Objective
To evaluate the feasibility of PROMIS-10 survey as a standard quality of life measurement for the outcomes of patients through a patient management software.

Methods
Conducted a retrospective descriptive analysis between December 2018 and May 2021 examining PROMIS-10 use in non-health system and health system specialty pharmacies. Inclusion criteria comprise of SPs who have been established in the software for 1 year and have patients with PROMIS-10 surveys generated and/or patients with one or more surveys completed with a valid score through text messaging, phone, or in person.

Results
There was a total of 78 SPs that generated 59,926 surveys for 39,420 patients. 60% of these patients completed the survey at least once with a total of 30,466 surveys completed. 47% of the pharmacies were non-health system and 53% were health systems pharmacies. 64% of the data generated was from health systems pharmacies. 20% of the pharmacies used mobile texting feature accounting for 552 surveys and 497 patients. Patients with various diseases were involved. The average time to complete the survey was 5.5 minutes.

Survey Response Rate

<table>
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<th>60%</th>
<th>40%</th>
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<td>30,446 Activities Completed</td>
<td>29,480 incomplete</td>
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Average time to complete: 5.5 Minutes

PROMIS-10 has been routinely used to assess QoL through various disease states in specialty pharmacies. PROMIS-10 presents a feasible tool to measure outcomes and offer opportunities to be the quantifiable standardized tool to evaluate the clinical management program. Potential future utilization SPs to monitor patient QoL improvements over time and benchmark the effectiveness of their clinical management to allow SPs and providers to modify their patient interactions and intervene in areas of improvement.

Conclusion
PROMIS-10 has been routinely used to assess QoL through various disease states in specialty pharmacies. PROMIS-10 presents a feasible tool to measure outcomes and offer opportunities to be the quantifiable standardized tool to evaluate the clinical management program. Potential future utilization SPs to monitor patient QoL improvements over time and benchmark the effectiveness of their clinical management to allow SPs and providers to modify their patient interactions and intervene in areas of improvement.