Development and Implementation of Depression Management at Keck’s Rheumatoid Arthritis Clinic
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BACKGROUND

- Up to 66% Rheumatoid Arthritis (RA) patients are affected by depression.  
- Approximately 17% of RA patients are diagnosed with major depression disorder.
- It has been reported that rheumatologists rarely discuss the topic of depression with their patients during office visits.
- At Keck clinic, chart-review showed that among 167 patients, 17% of RA patients are co-diagnosed with depression. (Figure 1)
- According to previous data, Keck clinic has not had proper intervention for patients with positive PHQ-9.

OBJECTIVES

1. Primary Objective
   - Assess the qualitative outcomes of the pharmacy service:
     - PHQ9 improvement
     - Medication adherence via MMAS-8

2. Secondary Objective
   - Assess patient’s perception of pharmacist managing depression
   - Assess patient’s satisfaction of pharmacy depression management service

METHODS

1. Survey:
   - **Perception Survey** (Pre-implementation)
     - Assess patient’s perception of pharmacist managing depression
   - **Satisfaction Survey** (Post-implementation)
     - Assess patient’s satisfaction of pharmacy depression management service

2. **Demographic questions asked in both surveys**

   - Age, Gender, Race (Hispanic/Latino, Asian, Non-hispanic white, African American, Native American or Alaska Native), and the highest level of education.

3. **Perception Survey**

<table>
<thead>
<tr>
<th>Strongly agree</th>
<th>Agree</th>
<th>Disagree</th>
<th>Strongly disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>I prefer my depression to be managed ONLY by physician.</td>
<td>Strongly agree</td>
<td>Agree</td>
<td>Disagree</td>
</tr>
<tr>
<td>I prefer my depression to be managed by other healthcare providers (psychologist, pharmacist, occupational therapist, social worker) in addition to physician.</td>
<td>Strongly agree</td>
<td>Agree</td>
<td>Disagree</td>
</tr>
<tr>
<td>Using any number from 0 to 10, where 0 being the least preferred and 10 being the most preferred, how comfortable are you to have your depression managed by Keck clinical pharmacists?</td>
<td>0 1 2 3 4 5 6 7 8 9 10</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

4. **Satisfaction Survey**

<table>
<thead>
<tr>
<th>Strongly agree</th>
<th>Agree</th>
<th>Disagree</th>
<th>Strongly disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>How often did you feel that the time you spent with the clinical pharmacist was appropriate?</td>
<td>Never</td>
<td>Sometimes</td>
<td>Usually</td>
</tr>
<tr>
<td>How often did pharmacy staff (pharmacist, pharmacy students, nurse) treated you with courtesy and respect?</td>
<td>Never</td>
<td>Sometimes</td>
<td>Usually</td>
</tr>
<tr>
<td>After seeing the clinical pharmacist, I understand my medications better.</td>
<td>Strongly agree</td>
<td>Agree</td>
<td>Disagree</td>
</tr>
<tr>
<td>Pharmacy service is helpful for my depression care.</td>
<td>Strongly agree</td>
<td>Agree</td>
<td>Disagree</td>
</tr>
</tbody>
</table>

RESULTS

Research and data collection are currently in progress, therefore no results are currently available

FUTURE PLANS

- Administer patient’s perception and satisfaction survey
- Pilot depression management services at RA clinic
- Collect outcome data: adherence improvement and PHQ-9 score improvement

REFERENCES


DISCLOSURE

The authors have no conflict of interest to disclose

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- This template was specifically designed for a PowerPoint 2007 template produces a 36”x48” tri-fold presentation poster. It will save you time to create your presentation. Then send it to the “Design” menu and click on “Colors”. You can use any number from 0 to 10, where 0 being the least preferred and 10 being the most preferred, how comfortable are you to have your depression managed by Keck clinical pharmacists?

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- Chart created by Marissa Gomez, Illustrations by Rachel Seo

- Research funded by the College of Psychiatric and Neurologic Pharmacists Foundation (CPNPF) Defining the Future Grant