Low Completion Rate of Patient Reported Outcome Measures (PROMS) in Burn Clinic: An Opportunity for Improvement

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Review of laser therapy outcome data shows approximately 1/3 of all patients missing provider assessments.

**FIGURE 1. COMPLETION OF OUTCOME MEASURES ACROSS PATIENT POPULATION**

<table>
<thead>
<tr>
<th>Data Set</th>
<th># of Patients</th>
<th># of Sessions</th>
<th># of Laser Treatments</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adequate</td>
<td>24 (53.3%)</td>
<td>113 (55.1%)</td>
<td>69 (53.9%)</td>
</tr>
<tr>
<td>Inadequate</td>
<td>21 (46.7%)</td>
<td>92 (44.9%)</td>
<td>59 (46.1%)</td>
</tr>
<tr>
<td>Total</td>
<td>45</td>
<td>205</td>
<td>128</td>
</tr>
</tbody>
</table>

Table 1. Adequate vs. inadequate data breakdown

- Inadequate data = approx. 1/3 split with missing provider POSAS, missing patient scales, missing all outcome data

**RESULTS**

**METHODS**

- Chart review to determine completion
- Adequate = all 3 scales present for baseline AND for 1st laser treatment evaluation

**FUTURE DIRECTIONS:**

- Process map current state workflow of data collection
- Semi-structured interviews with providers to identify barriers to timely completion
- Survey patients to assess health literacy
- Patient & provider user-centered approach to re-design collection of PROMs

**Table 3. Breakdown of adequate data by # of sessions: only 50% data available for meaningful longitudinal comparison**

- No Observer - POSAS Present (Adequate Data) 2%
- No Observer - POSAS + Other Scales Present (Inadequate Data) 13%
- No Observer - POSAS + Other Scales Present (Adequate Data) 9%
- No Observer - POSAS Present (Inadequate Data) 5%

**Disclosures:** None