**STUDY TIME FRAME**

- **Baseline Covariate Period:** (Index Date – 365 days)
  - Assessment of baseline characteristics (Ex: age, mental health conditions, etc)

- **Follow-up Period:** Assessment of pain scores (Index Date + 180 days)

- **First 180 Day Period:** Defining Chronic Opioid Use and Denominator for Dosage Change Calculations

- **Second 180 Day Period:** Numerator for Dosage Change Calculations

**Index Date**
eFigure 2: Average Pain Scores over Time between Opioid Dose Escalators and Maintainers using the SIPTW Sample

![Graph showing average NRS pain scores over time for dose maintainers and escalators.](image-url)
Figure 3: Average Pain Scores over Time between Opioid Dose Escalators and Maintainers using the Entire Sample and Adjusting for Covariates.
**Figure 4a:** Median Pain Scores over Time between Opioid Dose Escalators and Maintainers using the Propensity Score Matched Sample

<table>
<thead>
<tr>
<th>Time Frame</th>
<th>Median NRS Pain Score</th>
<th>Dose Maintainers</th>
<th>Upper CI: Dose Maintainers</th>
<th>Lower CI: Dose Maintainers</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 Days Before Index Date</td>
<td>4.5</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 to 90 Days After Index Date</td>
<td>4.3</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>91 to 180 Days After Index Date</td>
<td>4.2</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Dose Escalators
eFigure 4b: Median Pain Scores over Time between Opioid Dose Escalators and Maintainers using the SIPTW Sample
eFigure 4c: Median Pain Scores over Time between Opioid Dose Escalators and Maintainers using the Entire Sample adjusting for Covariates