CNS Sites Cooperate to Detect Duplicate Subjects with a Clinical Trial Subject Registry

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Abstract

Objective: To report the results of the first 1520 subjects of an 8-month pilot project where local CNS sites collaborated in the use of a subject database to identify potential duplicate and professional subjects.

Methods: CNS sites in Los Angeles and Orange County, CA, were contacted to seek participation in the project. CTDatabase, a CNS focused trial subject registry, was utilized to track potential subjects at pre-screen. Subjects signed an IRB-approved Authorization form granting web-based access to site staff and their identities were captured by using a unique identifier. Inter-site communication and matching was performed for the entire database.

Results: Between October 10, 2011 and October 30, 2012, 1520 subjects were entered at all CNS sites. Initially there were concerns during the study about patient acceptance of a database for primary issues, but these were eventually overcome. Patient acceptance was estimated to be above 95%.

Table: Certain and Probable Duplicates

<table>
<thead>
<tr>
<th>Site</th>
<th>Certain</th>
<th>Probable</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>CNS</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>CNS2</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>CNS3</td>
<td>5</td>
<td>5</td>
<td>10</td>
</tr>
</tbody>
</table>

Figure 1: Cumulative certain and probable duplicates, by month.

Figure 2: Cumulative certain and probable duplicates, by month.

Discussion

Site collaboration and use of a clinical trial subject registry reduced the number of certain duplicates. Physician investigators seeking to initiate a trial are often not sure how to proceed due to the lack of a database that can provide information on screened, on participating sites. This project has been very helpful to us. We were able to include two more sites and have more than 1500 subjects entered.

References