Cancer research participation by culturally and linguistically diverse (CALD) patients in South Western Sydney from 2006 - 2016

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Importance of clinical trials

• Clinical trials are critical to advancing cancer care

• Limited trial participation, particularly by CALD patients:
  ↓ Generalisability of trial results
  ↑ Health disparities

• Establish SWSLHD CALD patient trial participation:
  – Rates
  – Correlates

• Multivariable logistic regression including all SWSLHD cancer pts from Jan 2006 to Jul 2016
Research Participation by CALD Status

Non-CALD (Ref) vs:
- CALD PLE
  OR=0.87 (0.74-1.03); p=0.11
- CALD PLNE
  OR=0.46 (0.37-0.56); p<0.001

<table>
<thead>
<tr>
<th>CALD Status</th>
<th>Total</th>
<th>Enrolled in Research</th>
<th>Not enrolled in research</th>
</tr>
</thead>
<tbody>
<tr>
<td>Non-CALD (Ref)</td>
<td>10,675</td>
<td></td>
<td>8.4%</td>
</tr>
<tr>
<td>CALD PLE</td>
<td>3,217</td>
<td></td>
<td>7.7%</td>
</tr>
<tr>
<td>CALD PLNE</td>
<td>3,601</td>
<td></td>
<td>3.9%</td>
</tr>
</tbody>
</table>
Discussion

• CALD as willing to participate in trials as non-CALD pts, but…
• Language barriers major impediment to trial participation
• >100 pts recruited to excluded CALD-focused study using bilingual RAs & translated study materials

The participants who may be involved in this research are:

<table>
<thead>
<tr>
<th>People whose primary language is other than English (LOTE)</th>
<th>a) Primary intent of research</th>
<th>b) Probable coincidental recruitment</th>
<th>c) Design specifically excludes</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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If you select column (a) or (b), column (c) will not apply.

• Simplified & translated multimedia trial info may help overcome language (and literacy) barriers

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