Glaucoma patient follow-up time at Waikato Hospital

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Background

UK - 25% of follow up patients are glaucoma patients

Anecdotal accounts at Waikato - patients years overdue
Waikato service

- Waikato DHB population: 400,000
- Glaucoma patients: Approx. 1350
- Two Glaucoma sub-specialists
- 6 clinics per week
Audit goals

Unsure of current state
To quantify planned follow up vs actual follow up
Time plus $\frac{1}{2}$ as an applied concept
Changes made in 2016

Clinical nurse specialists commenced
  ◦ 2 extra clinics per week
  ◦ 6-7 patients each clinic.

1 extra specialist clinic / fortnight.
Methods

List of follow up patients

February 2015 | February 2016

Inclusion and exclusion criteria

Planned follow up as recorded

Actual date seen

‘On time’ | ‘Not on time’
2015

225 seen, 146 patients included

- Seen on time: 55%
- Not seen on time: 42%
- Still planned to see: 9%

2016

258 seen, 180 patients included

- Analysis in December 2016 - 9 months post Feb clinic
- Seen on time by CNS: 13%
- Seen on time by Dr: 59%
- Still planned to see: 18%
- Not seen on time: 9%
### 6 months or less planned follow-up

<table>
<thead>
<tr>
<th>Outcome</th>
<th>2015</th>
<th>2016</th>
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</thead>
<tbody>
<tr>
<td>Seen on time</td>
<td>53%</td>
<td>87%</td>
</tr>
<tr>
<td>Not seen on time</td>
<td>47%</td>
<td>13%</td>
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</table>
Box and Whisker Plot breakdown of planned follow up time

Actual follow up vs planned follow (percentage)

Planned follow up (weeks)

< 4, ≥ 4, <12, ≥12, < 24, ≥ 24, <36, ≥ 36, <52, ≥ 52

Feb-16
Feb-15
Conclusion

By introducing small changes, the delay in planned follow-up can be reduced dramatically
Finding your way at Waikato Hospital