Appendix

Appendix Figure 1: Audit information.

**Numerator data**

The frequency of prescription errors, error type and error severity made by prescribers were collected by pharmacists across the six-month study period using a pharmacist-designed form. Criteria for grading the severity of errors were taken from standards used in the EQUIP study (see below). All errors were coded by pharmacists, checked through a process of peer review and discussed with all clinicians in the project team.

The numbers of prescription errors were counted as the original prescription item and subsequent changes required per day.

Medicines administration to patients were checked electronically on the ePrescribing system for the number of doses given. The errors were manually entered by pharmacists into an Excel spreadsheet designed by the UK research team. All data was anonymised for analysis purposes.

**Denominator data**

The total number of medicines prescribed over the course of the study was collected weekly from the ePrescribing system, at the same time at the beginning of each week. The ePrescribing team and medication safety pharmacists collaborated to design a suitable way to extract this data. This enabled the number of errors to be calculated as a percentage of the total number of medicines prescribed.

Assigned error severity and associated probability:

<table>
<thead>
<tr>
<th>Error severity</th>
<th>Associated probability of harm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minor</td>
<td>0.1</td>
</tr>
<tr>
<td>Significant</td>
<td>0.4</td>
</tr>
<tr>
<td>Serious</td>
<td>0.6</td>
</tr>
<tr>
<td>Severe</td>
<td>0.9</td>
</tr>
</tbody>
</table>

Appendix Figure 2: Semi-structured interview questions—PGY1 doctors.

1. Please rank your overall experience within this three-month experience from 1–10 (10 being highest)?
2. Was the simulation helpful as an orientation to this ward/service?
3. What helped and what hindered your learning regarding prescribing on this placement?
4. What activities supported you in your prescribing practice on this ward?
5. Any suggestions for the future?