

Appendix 1: Details of the number and percentage of patients, medications and crushing errors which were observed on each ward for the pre-intervention and post-intervention period.

<b>Pre-intervention period</b>								
<b>Ward</b>	<b># Patients</b>	<b># Medications</b>	<b># Patients who have medication crushed</b>	<b>% Patients who have medication crushed</b>	<b># Medications of patients who have medication crushed</b>	<b># Medications which should not be crushed</b>	<b># Medications which were erroneously crushed</b>	<b>% erroneous crushing \$</b>
1	22	46	2	9%	10	4	4	8.7%
2	8	30	1	13%	2	0	0	0.0%
3	7	29	2	29%	9	2	2	6.9%
4	8	26	1	13%	3	1	1	3.8%
5	16	51	2	13%	9	1	1	2.0%
6	8	42	0	0%	0	0	0	0.0%
7	8	41	1	13%	7	1	1	2.4%
8	8	40	1	13%	9	1	0	0.0%
9	8	45	2	25%	10	4	3	6.7%
10	8	41	1	13%	6	3	2	4.9%
11	8	41	1	13%	4	2	2	4.9%
12	8	43	1	13%	8	2	2	4.7%
13	8	39	2	25%	9	1	1	2.6%
14	8	41	2	25%	8	2	2	4.9%
15	8	31	0	0%	0	0	0	0.0%
16	8	28	0	0%	0	0	0	0.0%
17	8	36	0	0%	0	0	0	0.0%
18	7	31	0	0%	0	0	0	0.0%
<b>TOTAL:</b>	<b>164</b>	<b>681</b>	<b>19</b>		<b>94</b>	<b>24</b>	<b>21</b>	<b>3.1%</b>

<b>Post-intervention period</b>								
<b>Ward</b>	<b># Patients</b>	<b># Medications</b>	<b># Patients who have medication crushed</b>	<b>% Patients who have medication crushed</b>	<b># Medications of patients who have medication crushed</b>	<b># Medications which should not be crushed</b>	<b># Medications which were erroneously crushed</b>	<b>% erroneous crushing \$</b>
1	10	16	1	10%	3	2	1	6.3%
2	13	43	3	23%	8	1	0	0.0%
3	10	55	0	0%	0	0	0	0.0%
4	9	33	1	11%	3	1	0	0.0%
5	7	19	0	0%	0	0	0	0.0%
6	7	33	0	0%	0	0	0	0.0%
7	8	47	1	13%	6	1	1	2.1%
8	7	32	0	0%	0	0	0	0.0%
9	8	42	0	0%	0	0	0	0.0%
10	7	31	0	0%	0	0	0	0.0%
11	8	33	1	13%	5	2	0	0.0%
12	8	38	0	0%	0	0	0	0.0%
13	8	34	1	13%	3	1	0	0.0%
14	8	42	1	13%	5	1	0	0.0%
15	8	36	2	25%	11	1	1	2.8%
16	8	31	0	0%	0	0	0	0.0%
17	8	37	0	0%	0	0	0	0.0%
18	8	34	0	0%	0	0	0	0.0%
<b>TOTAL:</b>	<b>150</b>	<b>636</b>	<b>11</b>		<b>44</b>	<b>10</b>	<b>3</b>	<b>0.5%</b>

\$ Percentage erroneous crushing calculated as: number of crushing errors divided by the total number of medications administered on this ward