A standard “Cardiac Arrest Call” telephone number for all hospitals in Europe – 22222

A presentation supported by the European Resuscitation Council
European Board of Anaesthesiology
European Society of Anaesthesiology
September 2016
A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

- Outside hospitals in Europe there is a single standard emergency telephone number (112)

- Inside hospitals in Europe there is NO single standard emergency telephone number
A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

- Over 105 different numbers are currently used for cardiac arrest calls in European Hospitals
- 74 hospitals used 41 different numbers in Denmark
- Only about half the staff can remember the number to call in their hospital. 50.5% in Danish study did not know the correct number

Limited knowledge of the crash call number among hospital staff—A call for standardisation B. Løfgren et al Resuscitation 2010, Vol. 81, Issue 2, S28
A standard “Cardiac Arrest Call” number for all hospitals in Europe – 2222

Some of the telephone numbers used

<table>
<thead>
<tr>
<th></th>
<th>1</th>
<th>333</th>
<th>1112</th>
<th>2222</th>
<th>3218</th>
<th>5000</th>
<th>18007</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>412</td>
<td>1212</td>
<td>2222</td>
<td>3274</td>
<td>5555</td>
<td>30100</td>
<td>50000</td>
</tr>
<tr>
<td>86</td>
<td>417</td>
<td>1222</td>
<td>2222</td>
<td>3333</td>
<td>5555</td>
<td>50000</td>
<td>52001</td>
</tr>
<tr>
<td>105</td>
<td>418</td>
<td>1333</td>
<td>2222</td>
<td>3333</td>
<td>5714</td>
<td>7070</td>
<td>55525</td>
</tr>
<tr>
<td>111</td>
<td>444</td>
<td>1333</td>
<td>2222</td>
<td>3333</td>
<td>7070</td>
<td>55600</td>
<td>80001</td>
</tr>
<tr>
<td>112</td>
<td>500</td>
<td>1333</td>
<td>2222</td>
<td>3333</td>
<td>7090</td>
<td>55600</td>
<td>80932</td>
</tr>
<tr>
<td>113</td>
<td>623</td>
<td>1453</td>
<td>2222</td>
<td>3333</td>
<td>7165</td>
<td>80000</td>
<td>999111</td>
</tr>
<tr>
<td>121</td>
<td>624</td>
<td>1464</td>
<td>2222</td>
<td>3720</td>
<td>7530</td>
<td>80932</td>
<td>999111</td>
</tr>
<tr>
<td>123</td>
<td>777</td>
<td>1555</td>
<td>2234</td>
<td>3777</td>
<td>7777</td>
<td>254445</td>
<td></td>
</tr>
<tr>
<td>123</td>
<td>800</td>
<td>1777</td>
<td>2323</td>
<td>4000</td>
<td>7900</td>
<td>999111</td>
<td></td>
</tr>
<tr>
<td>144</td>
<td>864</td>
<td>1999</td>
<td>2407</td>
<td>4361</td>
<td>8852</td>
<td></td>
<td></td>
</tr>
<tr>
<td>144</td>
<td>888</td>
<td>2153</td>
<td>2451</td>
<td>4444</td>
<td>8888</td>
<td></td>
<td></td>
</tr>
<tr>
<td>148</td>
<td>911</td>
<td>2222</td>
<td>2451</td>
<td>4444</td>
<td>9000</td>
<td></td>
<td></td>
</tr>
<tr>
<td>173</td>
<td>999</td>
<td>2222</td>
<td>2580</td>
<td>4444</td>
<td>9386</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222</td>
<td>1010</td>
<td>2222</td>
<td>2633</td>
<td>4475</td>
<td>9999</td>
<td></td>
<td></td>
</tr>
<tr>
<td>222</td>
<td>1111</td>
<td>2222</td>
<td>2769</td>
<td>4675</td>
<td>15555</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

• Not instinctively knowing the number causes delays to resuscitation teams arriving.

• Miscommunication involving the crash number occurred in almost 1 in 10 incidents (4/30, 13%)

• 78 staff admitted to learning the new cardiac arrest number from an emergency situation, therefore at least 78 calls were delayed

A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

- Situation made worse by healthcare staff moving around hospitals in their own country and increasingly throughout the whole of Europe
- In Spain in 2007 one in five nurses entering the nursing workforce was foreign-trained or foreign-national, this reached one in three in Italy in 2008
- 35% of doctors in UK and Ireland are foreign-trained, with the UK (42%) and Belgium (25%) experiencing the highest inflows of foreign health professionals

A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

• Patient Safety will improve by standardising to the same cardiac arrest call number for all hospitals in Europe, also efficiency and training

• The European Board of Anaesthesiology (EBA) and European Resuscitation Council (ERC) recommends that all European Hospitals standardise the internal telephone number used for a Cardiac Arrest call to the number 2222

A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

• Some countries have already successfully and easily standardised at low cost

• Patient Safety recommendation by The European Board of Anaesthesiology (EBA), The European Resuscitation Council (ERC) and The European Board of Anaesthesiology (ESA)

• Individual hospitals that wish, can probably make the decision locally to change their number to 2222 and so implement this recommendation

Establishing a standard “Cardiac Arrest Call” telephone number for all hospitals in Europe – 2222. Whitaker DK DOI: http://dx.doi.org/10.1016/j.resuscitation.2016.05.011
A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

• Some countries have already successfully and easily standardised to 2222 at low cost
• On past experience it may take time for all National and EU bodies to implement this recommendation.
• So in the meantime, in the interests of Patient Safety individual hospitals that wish, can normally make the decision locally to change their number to 2222 and so implement this important recommendation

Establishing a standard “Cardiac Arrest Call” telephone number for all hospitals in Europe – 2222. Whitaker DK DOI: http://dx.doi.org/10.1016/j.resuscitation.2016.05.011
A standard “Cardiac Arrest Call” number for all hospitals in Europe - 2222

• Practical advice on how to change your hospitals “Cardiac Arrest Call” number to 2222 is available from the links below.

http://www.nrls.npsa.nhs.uk/resources/?EntryId45=59789

A standard “Cardiac Arrest Call” telephone number for all hospitals in Europe - 2222

Start planning now to change your hospital number to 2222 – you know it makes sense