Reducing Avoidable Term admissions to neonatal units

Outline of the day

Jayne Wheway
3rd November 2014
Welcome and outline of the day

Housekeeping:

No fire alarm expected today

Hot drinks and lunch – refreshments

Toilets

Evaluation forms
Background

1st stakeholder meeting held September 2013

TA issue multi factorial: commissioning; clinical, policy, data

Understand the primary reasons for admission – NDAU commissioned (Feb 2014)

Methodology for second phase analysis agreed: maternal/infant variables

Primary reasons for admission determined (March 2014)

Letter to clinicians – significant interest (March 2014)

Second letter to clinicians + MNCYP newsletter - significant interest again.

Analysis of NRLS data
Analysis of litigation data
Parent involvement

Today: present findings draw on expertise agree steps forward
Welcome and outline of the day
Outline of the day

Morning focused on understanding term admission issue from 4 perspectives:

- NDAU: primary reasons for admission
- NRLS – Safety issues
- NHS LA – claims in relation to
- Parents stories

Late morning: understand national tools which may influence improvements in this area: NEWTT and ST

Afternoon: models for driving improvements
Outline of the day

Drawing on expertise within the room:
1. Front line
2. Commissioners
3. Benefit of SCN and ODN in the same room

Opportunities to explore areas for deeper interrogation of NNRD and NRLS data – providing rationale

Opportunity to involve parents, commissioners, research expertise, strategic leaders from the start.

Understand priorities for further work
Background, introductions and aims

Michele Upton

3rd November 2014
OF indicator 5.5 - Admission of full term babies to neonatal care:

- Reduction of *avoidable* term admissions to NNU
- Recognition that maternal morbidity plays a part
- Need as a proportion of all births – ONS

- ONS data (Oct 16, 2014) = 0.9% rise in 2012.
NDAU – NNRD: Primary reasons for admission

Top 5:
1. Respiratory
2. Infection
3. Hypoglycaemia
4. Jaundice
5. Asphyxia/encephalopathy
Admission of full term babies to neonatal care

No. infants admitted to neonatal care (%) by GA category (completed weeks). 01/01/11 to 31/12/13 (England)

<table>
<thead>
<tr>
<th>GA Category</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>N</td>
<td>%</td>
<td>N</td>
</tr>
<tr>
<td>≤ 25 weeks</td>
<td>1334</td>
<td>1.8</td>
<td>1274</td>
</tr>
<tr>
<td>26-32</td>
<td>10049</td>
<td>13.5</td>
<td>9782</td>
</tr>
<tr>
<td>33-36</td>
<td>20929</td>
<td>28.1</td>
<td>22301</td>
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<tr>
<td>≥ 37 weeks</td>
<td>42135</td>
<td>56.6</td>
<td>46626</td>
</tr>
<tr>
<td>Missing</td>
<td>25</td>
<td>0.03</td>
<td>15</td>
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</tbody>
</table>
Admission of full term babies to neonatal care

No. infants admitted to neonatal care (%) by GA category (completed weeks). 01/01/11 to 31/12/13 (England)
Top 5 primary clinical reasons for neonatal admission of full-term infants receiving at least 1 (complete) day of NNU care in by admission year, 01 January 2011 to 31 December 2013 (England)

<table>
<thead>
<tr>
<th>Primary clinical reason for neonatal admission</th>
<th>2011</th>
<th>2012</th>
<th>2013</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Respiratory disease</td>
<td>11989</td>
<td>13839</td>
<td>14630</td>
<td>40458</td>
</tr>
<tr>
<td>Infection</td>
<td>5187</td>
<td>5603</td>
<td>5777</td>
<td>16567</td>
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<tr>
<td>Jaundice</td>
<td>2449</td>
<td>2505</td>
<td>2548</td>
<td>7502</td>
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<tr>
<td>Hypoglycaemia</td>
<td>4197</td>
<td>4371</td>
<td>4223</td>
<td>12791</td>
</tr>
<tr>
<td>Asphyxia</td>
<td>1448</td>
<td>1386</td>
<td>1244</td>
<td>4078</td>
</tr>
<tr>
<td>Total</td>
<td>25270</td>
<td>27704</td>
<td>28422</td>
<td>81396</td>
</tr>
</tbody>
</table>
Inspire you to want to continue working on this agenda

Learn from your expertise re focus for priorities within each of the top 5

Agree ways forward for each group

Show that your contributions are valued
Acknowledgements

Eugene Statnikov – NDAU analyses

Diane Parsons – NHS England
Jayne Wheway

Speakers:
Mike and Elena Kalisperas
Sue Turrill
Kurt Bramfitt
Jeanette Beer
Eugene Statnikov
Laura Johnson
Jayne Wheway