MEDICAL SURVEILLANCE OF CHILDREN WITH DOWN SYNDROME UNDER THE AGE OF 5: AN AUDIT OF COMPLIANCE WITH RECENT LOCAL GUIDELINES BASED ON DSMIG RECOMMENDATIONS

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Objectives To identify whether children under the age of 5 with Down syndrome known to our local community paediatric team are managed in line with the minimum safe standard of medical surveillance recommend by the DSMIG and our local guidelines.

Methods We identified 12 recommendations for audit: 7 recommendations concerning the timing and content of appointments with a community paediatrician, 4 concerning investigations (See table 1) and 1 recommendation to electronically code the diagnosis of Down syndrome; a previous 2015 audit at our centre found that 93% of children with Down syndrome who were lost to follow up had no electronic record diagnosis recorded.

Results We identified 20 children under the age of 5 with Down syndrome known to our local community paediatric team and recorded whether local care had met these standards.

Conclusions Management was not 100% compliant with local guidelines. Several recommendations concerning the timing and content of appointments with a community paediatrician, 4 concerning investigations (See table 1) and 1 recommendation to electronically code the diagnosis of Down syndrome were not recorded 25% of the time. To improve the quality of our service, the findings have been presented locally. We will create an appointment proforma for local community paediatricians, and we will update our local guidance to bring all domains inline with the minimum safe standard set out by the DSMIG. DSMIG guidelines are detailed and useful, but are spread across multiple documents and some community paediatricians may not be aware of every recommendation: creating local guidance concerning surveillance in young children with Down syndrome and increasing awareness of the guidelines for this age group may help improve the standard of medical surveillance in the first years of life.

Abstract 991 Table 1 Percentage compliance with the standards audited

<table>
<thead>
<tr>
<th>Category</th>
<th>Diagnosis</th>
<th>Appointment Timing</th>
<th>Last Appointment Content</th>
<th>Biochemical/Specialist Tests</th>
</tr>
</thead>
<tbody>
<tr>
<td>Criteria</td>
<td>Diagnosis of Down syndrome on electronic notes</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Audited</td>
<td></td>
<td>Within Last 6 Months</td>
<td>Height Recorded</td>
<td>Weight Recorded</td>
</tr>
<tr>
<td>Compliance (%)</td>
<td>65%</td>
<td>55%</td>
<td>75%</td>
<td>95%</td>
</tr>
</tbody>
</table>

Abstract 995 PILOT STUDY TO EVALUATE THE ACCEPTABILITY AND FEASIBILITY OF LEARNING FROM EXCELLENCE IN A PAEDIATRIC EMERGENCY DEPARTMENT

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Background Learning from Excellence (LFE) is an initiative for recognising, appreciating and learning from positive episodes of good clinical practice which began in Birmingham Children’s Hospital. It seeks to attribute equal importance to learning from episodes of positive practice as too often emphasis is placed on negative incident reporting and the prevention of harm in healthcare through national frameworks. This has previously been implemented in other Paediatric Emergency Departments (PED) in the UK and in a maternity hospital in Ireland.

Objectives To evaluate the acceptability and feasibility of introducing the LFE initiative to an Irish PED and evaluate staff attitudes to the initiative.

Methods An online anonymous questionnaire was devised to assess existing feedback mechanisms and staff morale in Children’s Health Ireland (CHI) at Tallaght PED. Quantitative questions including Likert scales were used to evaluate staff