| ASTHMA FRIENDLY SCHOOLS PROJECT | EVERY SCHOOL MATTERS | NPRANG 2017 |

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DEFINING
ASTHMA

Normal bronchiole

Asthmatic bronchiole
NRAD: 17 CYP deaths from asthma last year in UK, 12 deaths in London

Asthma morbidity for children in London is higher compared to other areas of the UK

Islington has the third highest asthma emergency hospital admission figures

Attendance to ED by children in Islington are higher than the London average

1/3 of admissions can be prevented
Asthma - Non-elective admissions, under 18 year olds, 2013/14 - 2016/17

<table>
<thead>
<tr>
<th>Quarter</th>
<th>2013/14</th>
<th>2014/15</th>
<th>2015/16</th>
<th>2016/17</th>
</tr>
</thead>
<tbody>
<tr>
<td>Q1</td>
<td>15</td>
<td>11</td>
<td>16</td>
<td>13</td>
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<tr>
<td>Q2</td>
<td>16</td>
<td>7</td>
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<td>13</td>
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<tr>
<td>Q3</td>
<td>23</td>
<td>4</td>
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<td>18</td>
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<tr>
<td>Q4</td>
<td>8</td>
<td>12</td>
<td>5</td>
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</tbody>
</table>

- **Whittington**: Blue bars
- **UCLH**: Red bars
- **Other providers**: Green bars
- **Trendline**: Dashed line
Aim:
Improve the care pathway for CYP with asthma, by enabling better asthma management in schools

Objectives:
• Less days missed from school due to asthma.
• to reduce CYP attendances for asthma related illness to ED
• Improving asthma education in schools using a whole school approach
• Increased adherence to asthma plans leading to reduced asthma morbidity -
ISLINGTON SCHOOLS
24,752 CYP attend school in Islington
61 mainstream, 5 special
Approx. 3000 have asthma
12% of CYP
5 Standards

Whittington Health NHS

Policy
Register
Care Plan
Emergency Kits
Training
5 gold asthma schools standards
Child having an asthma attack?

Think
- Any of these signs:
  - Coughing
  - Wheezing
  - Hard to breathe
  - Tight chest
  - Cannot walk/talk
- Send someone to get inhaler and spacer
- Stay with the child
- Is this an emergency?

Intervene
- Keep calm
- Reassure child
- Sit them up and slightly forward
- Is someone getting inhaler and spacer?
- Administer inhaler
- Note time of using inhaler
- Is this an emergency?

Medicine
- Use blue inhaler
- Shake inhaler
- Place in spacer
- Spray one puff
- Take five breaths
- Repeat the above up to 10 times if needed
- If no improvement, call an ambulance
- Is this an emergency?

Emergency
- 999
  - If no improvement, or if you are worried or unsure, call 999
  - Call parent/guardian
  - If ambulance takes longer than 10 mins, repeat Medicine steps
  - Note time of calling 999
  - School’s postcode
- Has child taken their inhaler?

When asthma strikes, it’s TIME to act.

15 February 2017 V2
School asthma plan

Name: ____________________ Class: ________

My reliever inhaler: NAME _______ (COLOUR )
I take ___ puffs of my reliever inhaler using a spacer.

My preventer inhaler: NAME _______ (COLOUR )
I only use my preventer inhaler when I am at home.

☐ When my inhaler(s) are running low, my parent/guardian or I will replace it/them.
☐ I have had an annual asthma review in the last 12 months.
☐ My parent/guardian gives consent for the use of emergency inhaler.

If I need to use my reliever inhaler more than two times a week, please advise my parent/guardian so they can organise a review with my asthma nurse/GP.

When I have an asthma attack:
☐ I start coughing
☐ I start wheezing
☐ I find it hard to breathe
☐ My chest becomes tight
☐ Other (describe below):

I may need to take my reliever:
☐ Before exercise
☐ After exercise
☐ When there is high pollen
☐ During cold weather
☐ Other (describe below):

Parent/guardian name: ____________________ Contact no.: ____________________

Relationship to child: ____________________ Date: ____________________

Parent/guardian signature: ____________________ Date: ____________________

Health professional’s signature: ____________________ Date: ____________________

Child’s signature: ____________________

Important: This is a generic asthma plan for school-aged children. If your child has a more detailed asthma plan, it is essential that the school is informed so they can keep your child safe.

In an emergency, see poster overleaf

15 February 2017 V2
KEY DOCUMENTS

42 Schools achieved AFS Standards

9 Schools on pathway to complete

12 schools did not engage
Possible:

• Measure results from before and after training using evaluation forms.
• Measure audits from before and after completion of AFS

Probable:

• Measure A and E attendance due to asthma related illness (other projects)
• Measure school attendance days off school due to asthma (data variable)
Reflections on AFS Project

- Enabled education to work synergistically with health
- Relationship pathways developed between schools, school nurses, community and acute – cyp at centre.
- Whole school approach to education - empowering students, teachers & parents.
- AFS lead needs to be a focused dedicated role.
We are very pleased to be able to announce that CHRIST THE KING SCHOOL is now an Asthma Friendly School.

Message from Karen Rodesano
Asthma School Nurse
Whittington Health

I am so happy that you are now an AFS and have all your standards in place. The school has worked so hard and I am very proud. It has been a real pleasure working with your school. A very big thank you to Mrs Davies, our Inclusion Leader, for organising this very important training which further supports the school in ensuring to keep our children safe and well.

Example of school feedback
ANY QUESTIONS ?
THANK YOU FOR LISTENING