London pharmacies supporting children and young people to breathe easy: public health campaign and audit
Background
Pharmacy services in the England

• Every day community pharmacy is the primary health contact for **1.6 million patients** – a total of **438 million contacts** per annum in England alone

• The pharmacy workforce is expanding, with a potential oversupply of between **11,000 and 19,000 pharmacists by 2040**

• Between **30% and 50% of prescribed medicines** for long-term conditions are not taken as recommended

• **1.1 billion prescription items** dispensed in 2014, which is a **3.3% increase on 2013**

• This represented a with a net ingredient cost of **£8.9 billion**.

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The NHS England contract framework for community pharmacies involves:

**Essential services**
- Dispensing
- Signposting
- Promoting a health lifestyle
- Audit

**Advanced services**
- Medicine Use Reviews (MUR)
- New Medicine Service
- Seasonal Flu Immunisation

**Local services**
- Stop smoking

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2016 Patient Medication Records: access to Summary Care Record
Background

Community pharmacy public health campaign 2015

- There are 1,858 pharmacies across London.
- All London pharmacies were asked to take part in a campaign to provide key public health messages in relation to asthma management and gather information on current levels of awareness of asthma management in children and young people in London between 24 July and 2 October 2015.
- They were asked to carry out a mandatory, brief intervention for a young person (0 to 18), when their parent or carer visited their pharmacy to request a prescription be filled or repeated, purchased an over-the-counter medicine, required emergency supplies or asked for advice on general health and wellbeing.
- An additional, voluntary element - to record the responses of a brief intervention using online survey - was also requested.

Governance: Pharmacy Asthma Steering Group

Membership:
Pharmacists, Nurses, Doctors, NHS England (London), HLP representative, LPC representative

Aim
To provide support and advise on the role of pharmacy and medicines optimisation in the delivery of London asthma standards for children and young people.
Asthma and seasonality

Week 38 peak!
Audit design

Requirements

• Deliver within the NHS Contract
• Simple to administer for pharmacies and easy for patients to understand
• Structured consultation
• “Part of the flow” of a consultation
• Anyone in the pharmacy could administer the audit
• Paperless
• Clearly defined patient cohort
• Anonymised
• Support and CPD provided
• Worthwhile for patients and the pharmacy…”so what” defined

Result

• Public Health campaign within the NHS Contract
• Voluntary additional audit (outside core contract)
• Audit = 7 questions
• Administration fee
• Supporting all online platforms and also paper
• Real time or retrospective data collection option
• Supporting information pack & CPD
• Opportunities for internal pharmacy referrals for MUR, Flu Vac or stop smoking
• Comms strategy using email
What we asked pharmacies to do

The questions

1. Does the child or young person have an asthma action plan or “wheeze plan”?  
2. In the last 12 months, has an assessment of inhaler technique by a doctor, nurse or pharmacist occurred?  
3. Does the child or young person use a spacer device?  
4. Does the child or young person smoke?  
5. Does the child or young person live with someone who smokes?  
6. Did the child or young person have a flu vaccination last year?  
7. In the last 12 months, have you had to make an emergency request for an inhaler from your pharmacy, GP, Out of hours services, Walk-in Centre or A&E?

Carers, parents and patients presenting in the pharmacy with a prescription for an inhaler/spacer, requesting a prescription, requesting an emergency supply, making an over the counter purchase of medicines or a known diagnosis of asthma.
03

What we found

Transforming London’s health and care together
Highlights

Interim results

1,865
Community pharmacies across the whole of London were invited to take part

1,225
Pharmacies responded

65.7%
of the total number of pharmacies

32
boroughs (all) took part

9,690
responses

9.4
Average age of participant

9
Average entry per pharmacy

1 in 4
Entries were using a smart device

Campaign extended to 10 weeks till 2 October

Results

64%
Did not have a flu jab last year

25%
Had to make an emergency request for an inhaler in the last 12 months

48%
Do have an asthma action plan or wheeze plan

70%
Had a inhaler technique assessment in the last 12 months

64%
Have a spacer device

23%
Live with someone who smokes

96%
Do not smoke
Only 4% did not want to participate

Number of pharmacies in borough

Average age per participant

Only 4% did not want to participate
% participation of pharmacies by borough

Asthma Pharmacy Participation by Borough

- 78.5% to 93.9% (5)
- 73.2% to 78.5% (4)
- 63.8% to 73.2% (7)
- 60.3% to 63.8% (6)
- 50.8% to 60.3% (6)
- 37.5% to 50.8% (4)
Question 1

Does the child or young person have an asthma action plan or wheeze plan?

By age

- Don't know
- No
- Yes

By borough
Question 2
In the last 12 months has a doctor, nurse or pharmacist provided an inhaler technique assessment?

- **Don't know**: 4%
- **No**: 29%
- **Yes**: 67%

### By age

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### By borough

- **Barking and Dagenham**: 100% Yes, 0% No, 0% Don't know
- **Barnet**: 100% Yes, 0% No, 0% Don't know
- **Bexley**: 100% Yes, 0% No, 0% Don't know
- **Brent**: 100% Yes, 0% No, 0% Don't know
- **Camden**: 100% Yes, 0% No, 0% Don't know
- **City of London**: 100% Yes, 0% No, 0% Don't know
- **Croydon**: 100% Yes, 0% No, 0% Don't know
- **Ealing**: 100% Yes, 0% No, 0% Don't know
- **Enfield**: 100% Yes, 0% No, 0% Don't know
- **Greenwich**: 100% Yes, 0% No, 0% Don't know
- **Hackney**: 100% Yes, 0% No, 0% Don't know
- **Haringey**: 100% Yes, 0% No, 0% Don't know
- **Harrow**: 100% Yes, 0% No, 0% Don't know
- **Hillingdon**: 100% Yes, 0% No, 0% Don't know
- **Hounslow**: 100% Yes, 0% No, 0% Don't know
- **Islington**: 100% Yes, 0% No, 0% Don't know
- **Kensington and Chelsea**: 100% Yes, 0% No, 0% Don't know
- **Kingston upon Thames**: 100% Yes, 0% No, 0% Don't know
- **Lambeth**: 100% Yes, 0% No, 0% Don't know
- **Lewisham**: 100% Yes, 0% No, 0% Don't know
- **Merton**: 100% Yes, 0% No, 0% Don't know
- **Newham**: 100% Yes, 0% No, 0% Don't know
- **Redbridge**: 100% Yes, 0% No, 0% Don't know
- **Southwark**: 100% Yes, 0% No, 0% Don't know
- **Sutton**: 100% Yes, 0% No, 0% Don't know
- **Waltham Forest**: 100% Yes, 0% No, 0% Don't know
- **Wandsworth**: 100% Yes, 0% No, 0% Don't know
- **Westminster**: 100% Yes, 0% No, 0% Don't know
Question 3

Does the child or young person use a spacer device?

By age

- Don’t know
- No
- Yes

By borough

- Yes
- No
- Don’t know
Question 4

Does the child or young person smoke?

By age

Don't know
No
Yes

By borough
Question 5

Does the child or young person live with someone who smokes?

By borough

By age

Don't know | No | Yes
---|---|---
2% | 75% | 23%

0.00% | 10.00% | 20.00% | 30.00% | 40.00% | 50.00% | 60.00% | 70.00% | 80.00% | 90.00% | 100.00%

Don't know | No | Yes
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Barking and Dagenham | Barnet | Bexley | Brent | Bromley | Camden | Croydon | Ealing | Enfield | Greenwich | Hackney | Hammersmith and Fulham | Harrow | Haringey | Havering | Hillingdon | Hounslow | Islington | Kensington and Chelsea | Kingston upon Thames | Lambeth | Lewisham | Merton | Newham | Redbridge | Richmond upon Thames | Southwark | Sutton | Tower Hamlets | Waltham Forest | Wandsworth | Westminster
Question 6
Did you the child and young person have a flu vaccination last year?

By borough

By age

Don't know
No
Yes
Question 7

In the last 12 months, has the child or young person had to make an emergency request for an inhaler from any healthcare provider (Walk-in Centre, GP, out-of-hours service, pharmacy or A&E)?

By age

- Don't know
- No
- Yes

By borough

- Yes
- No
- Don't know
Number of asthma emergency admissions in London (2013/14 and 2014/15)

By age

By London’s clinical commissioning groups

Source data: HES
Comparing questions 1 and 7

Does having an asthma action plan relate to an emergency inhaler request?

By age

By borough
Comparing questions 1 and 6

Does having an asthma action plan relate to having a flu vaccination?

By age

By borough
Comparing questions 2 and 7

Does not having a recent inhaler technique assessment relate to making an emergency request for an inhaler?

By age

By borough

Q2-Inhaler Technique Assessment-No
Q7-Inhaler Emergency Request-Yes
Comparing questions 5 and 7

Does living with a smoker relate to child and young person making an emergency request for an inhaler?

By age

By borough