

"We know that..."

- Inhalation is the **preferred route** of administering drugs to patients with Chronic Obstructive Pulmonary Disease (COPD)¹ and asthma
- Many people **find it difficult** to use their inhaler correctly²
- Incorrect usage **reduces the effectiveness** of therapy²

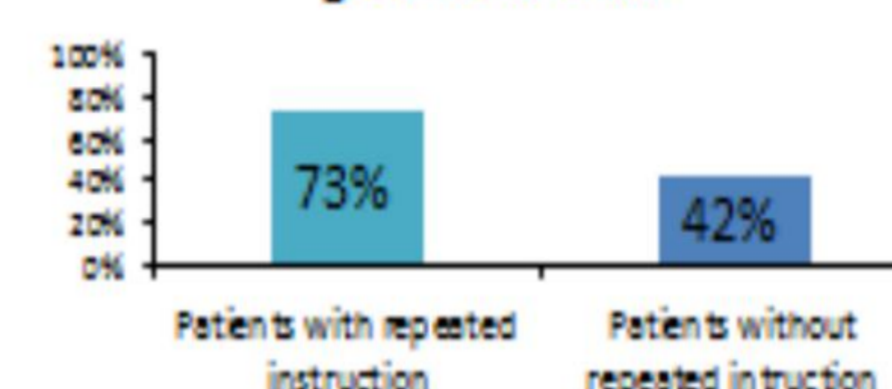
1. NICE Clinical Guideline 101 (2009) Full Guidelines
2. NHS Improvement Lung Inhalers in COPD (2012)

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The vision

Impact of repeated inhaler instruction on patient adherence³

Percentage of patients displaying good adherence



Evidence has demonstrated that following improved inhaler technique training and awareness raising (within one year);

- Reduced asthma admissions by 50%
- Reduced asthma related deaths by 75%
- Significant reduction in the cost of inhalers

Previous ability to correctly use an inhaler is not indicative of correct use during subsequent testing⁴

Some skills are learned once and remembered for life...



Others need constant review and re-training

3. Adapted from Takemura M, et al. International Journal of COPD 2011; 6:97-104
4. Crompton O et al. Respiratory Medicine, 2006; 100, 1479-1494

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Inhaler Technique

January 20, 2015

Please work your way through the eLearning below.



The story so far....

- Secured sponsorship from Pharma
 - Almirall
 - Astra Zeneca
 - Boehringer Ingelheim
 - Napp
- Commissioned e-learning from CPPE
- Funding for 10 workshops
- Created 2 X CQUINs for Northumbria Healthcare
- 5 X CPPE workshops delivered in North Tyneside/Northumberland
- 2 in Northumbria FT
- 1 Session to practice team Newburn Hub
- Pre and post eLearning surveys: influencing professional practice
- Included in prescribing engagement/incentive schemes for 2015/16

The project deliverable: the number of healthcare professional who have been trained

Legacy: to deliver better trained patients delivering better patient outcomes through better care

Next steps: scope options for potential new model of care centred on supporting the patient to sustain technique and reduce exposure to unnecessary therapy – preventing unnecessary escalation or stepping down treatment