

**Consultant Pharmacist:
RESPIRATORY MEDICINE
Outcomes for Patient Benefit**



Anna Murphy
Consultant Respiratory Pharmacist
University Hospitals of Leicester NHS Trust
Honorary Visiting Professor DeMontFort University

anna.murphy@uhl-tr.nhs.uk

Expert Professional Practice

- Outpatient Clinics (independent clinic list)
 - Difficult Asthma
 - Interstitial Lung Disease (ILD)
- Patient telephone support clinic
- High risk medicine monitoring service
- Ward referrals for complex patients
- Domiciliary visits
- CCG commissioned GP Respiratory Clinic
- Virtual clinics with GPs/practice nurses
- National representation



Research and Evaluation

- Adherence
 - PI for adherence study in difficult asthma
 - Neutrophil /eosinophil markers for ICS adherence
- Inhaler technique evaluation
 - 7 steps to success inhaler reminder cards
- DMU
 - MPharm undergrad
 - Chinese pharmacist internship
- NIHR RfPB, NIHR asthma pulmonary rehab, NIHR asthma s. asian extended family
- SIMPLE community pharmacy service evaluations (asthma and COPD)



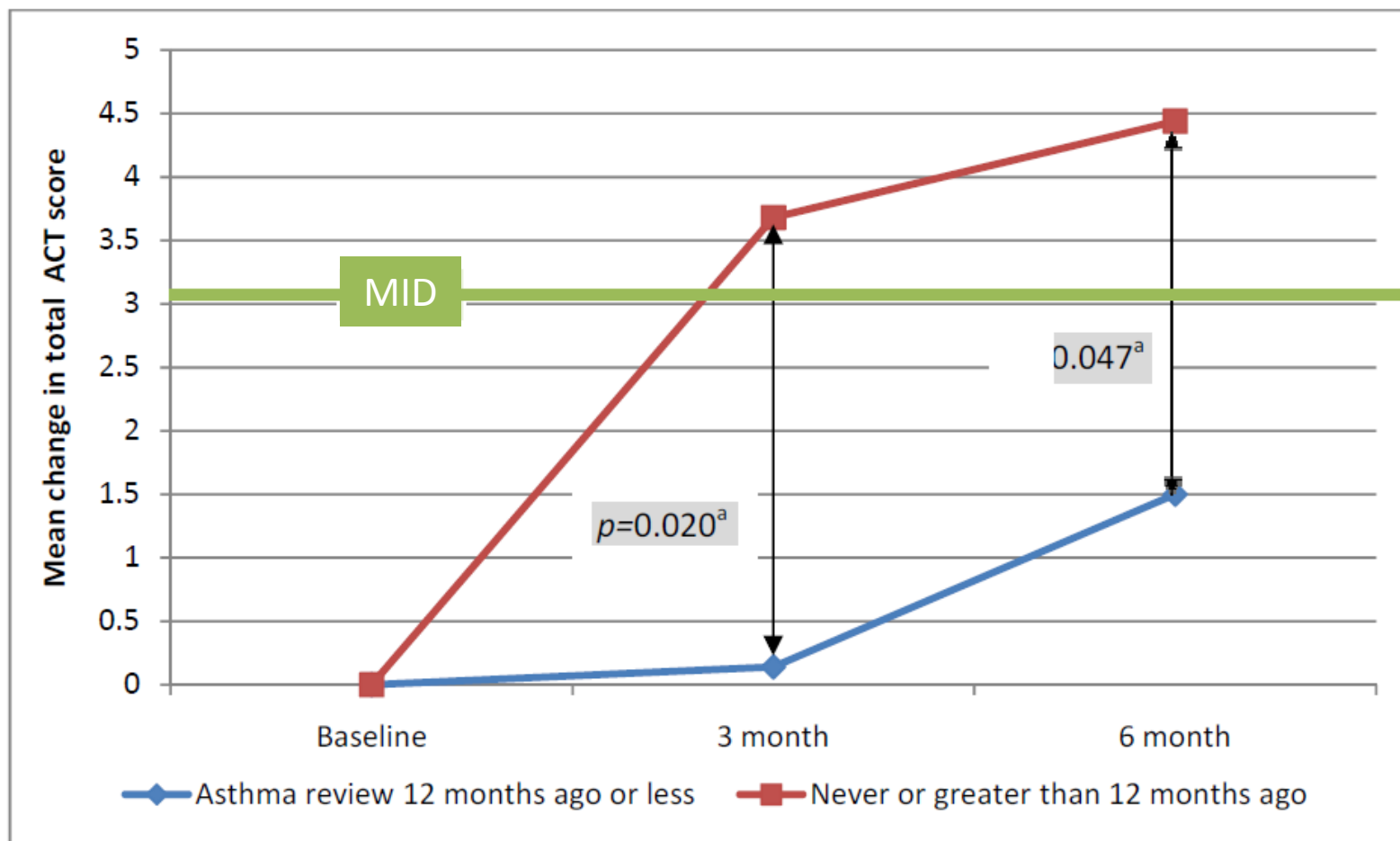
The relationship between clinical outcomes and medication adherence in difficult-to-control asthma

Anna C Murphy, Amandine Proeschal, Christopher E Brightling, et al.

Thorax published online March 21, 2012
doi: 10.1136/thoraxjnl-2011-201096



Comparison of the mean difference in total ACT scores across the 6 month study period in relation to the time of the participant's last asthma review at their GP practice (n=50)



Secondary outcomes

- Patient QOL improved (measured by mini-AQLQ) ($p=0.03$)
- 32% reduction in visits to GP for asthma-related issue over the study period ($p=0.053$)
- 40% reduction in hospital admission data (not significant)
- Patient inhaled technique improved significantly ($p<0.001$)
- Reduction SABA Rx and increase ICS ($p<0.001$). 92% end of 6 months collected at least 80% of their ICS inhalers
- The pharmacist completed and provided a personalised asthma action plan for 80 patients (78%)
- Patient acceptability – 46% self-reported questionnaire

Education and Training

- Patient support groups
 - Leicestershire ILD patient group
 - BreathEasy (COPD and Asthma)
- SIMPLE asthma APP for patients
- Primary care respiratory module in Leicestershire based on SIMPLE framework
- RPS/UKCPA
- HEIs: DMU, Uni of Derby, Education for Health



MY **SIMPLE**
ASTHMA
PLAN


Name:	_____
Date plan completed:	_____
Contact numbers:	_____ _____ _____

Summary

Building Working Relationships

Impact on Patient Care

- University Hospitals of Leicester NHS Trust
- Interface – cross sector working
- Primary Care
- National representation

University Hospitals of Leicester 

NHS Trust




East Leicestershire and Rutland
Clinical Commissioning Group


Leicester City
Clinical Commissioning Group


West Leicestershire
Clinical Commissioning Group

Making Respiratory
SIMPIE

