

STUDY 3 - ACUTE ASTHMA

Are breath-actuated inhalers effective in managing acute asthma exacerbations in children?

OBJECTIVE

The study was conducted to evaluate the effectiveness of Synchrobreathe™* in managing acute asthma exacerbations in children

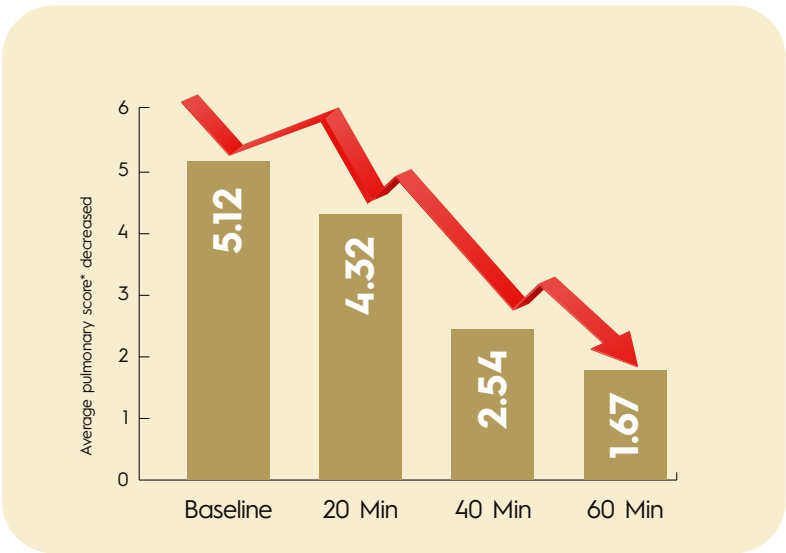
STUDY DESIGN


Open-label, pilot study in children (7-15 yrs)

NUMBER OF PATIENTS

n=57 children (age: 10.2 +/- 2.5 years) who presented with acute asthma exacerbations

RESULTS





91.2%

were able to trigger during an exacerbation¹

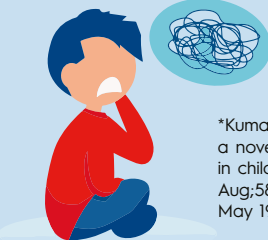
84%

found it easy to breathe¹

79%

patients agreed they would prefer to use the same device in future

BAIs can be used in treating asthma patients with ASD and ADHD*



*Kumar Reddy KRB. Clinical correspondence: Usage of a novel inhaler device for the management of asthma in children with special needs. *Pediatr Pulmonol.* 2023 Aug;58(8):2406-2407. doi: 10.1002/ppul.26471. Epub 2023 May 19. PMID: 37204231.

BAI: Breathe Actuated Inhaler | ASD: Autism Spectrum Disorder | ADHD: Attention Deficit Hyperactivity Disorder
*Levosulbutamol, 50 mcg delivered through BAI (Levolin Synchrobreathe™, Cipla Ltd.), 4 puffs, every 20 min, for a period of 1 hour, during presentation of acute exacerbation of asthma (mild- moderate) Study endpoints | 1. S. Nagarajan, V. Naik, et al. Are breath-actuated inhalers effective in managing acute asthma exacerbations in children?, Presented at ERS 2023, Milan
Illustration shown are only for reference purposes