

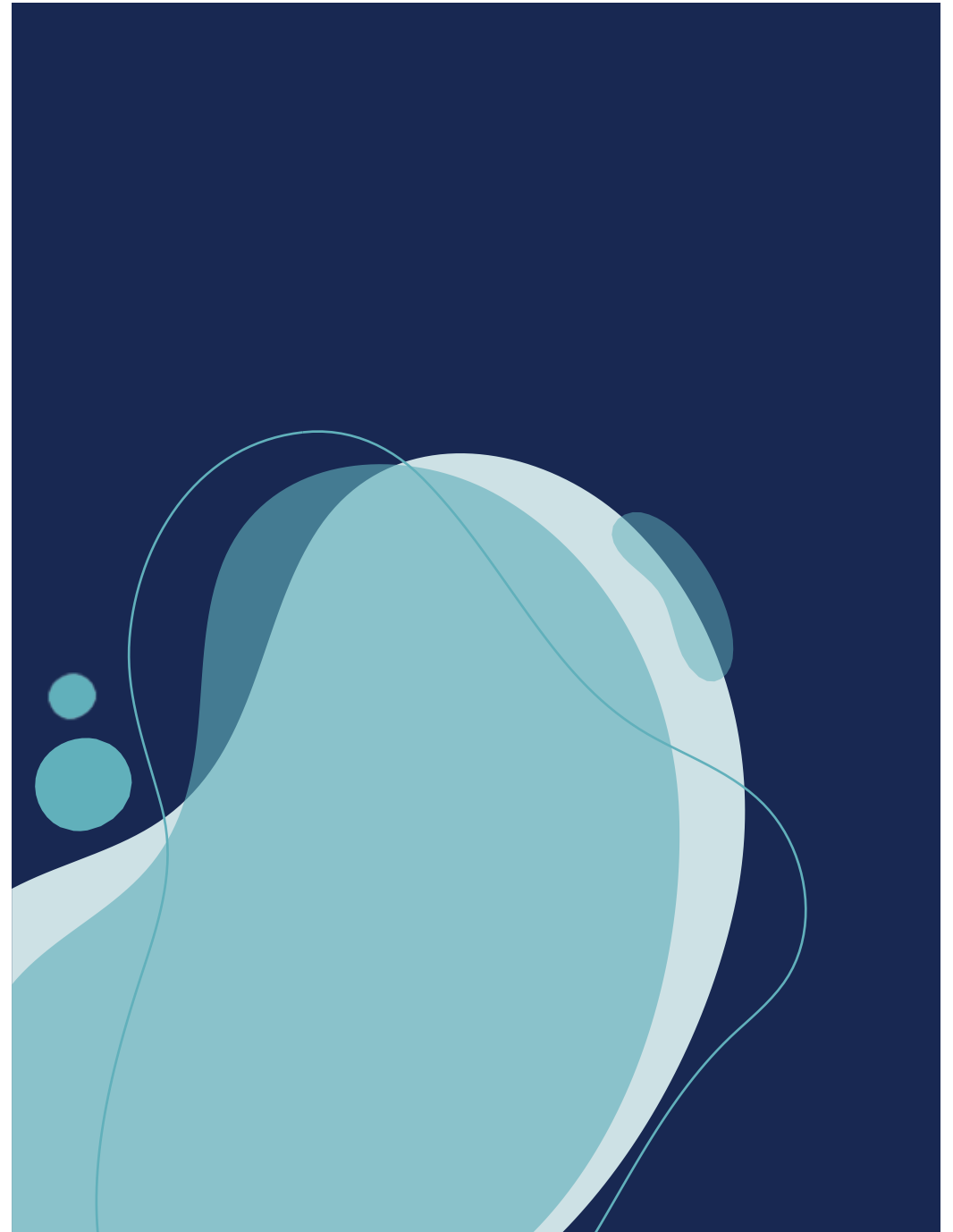


## Activated Probiotics' Clinical Update and Training

---

PRESENTERS: BLAIR NORFOLK & REBECCA EDWARDS

---



# The Activated Probiotics® Difference



Key research partnerships



Microencapsulation



Strain selection and  
identification (DSM/ATCC)



Unique packaging to  
maintain product integrity

# Biome Breathe™

Probiotic



Statistically significant reduction in the frequency of asthma attacks among children in a double-blind, placebo-controlled clinical trial.

## Asthma

Stimulate a healthy immune system response in children

11%

of Australians have  
allergic asthma

441

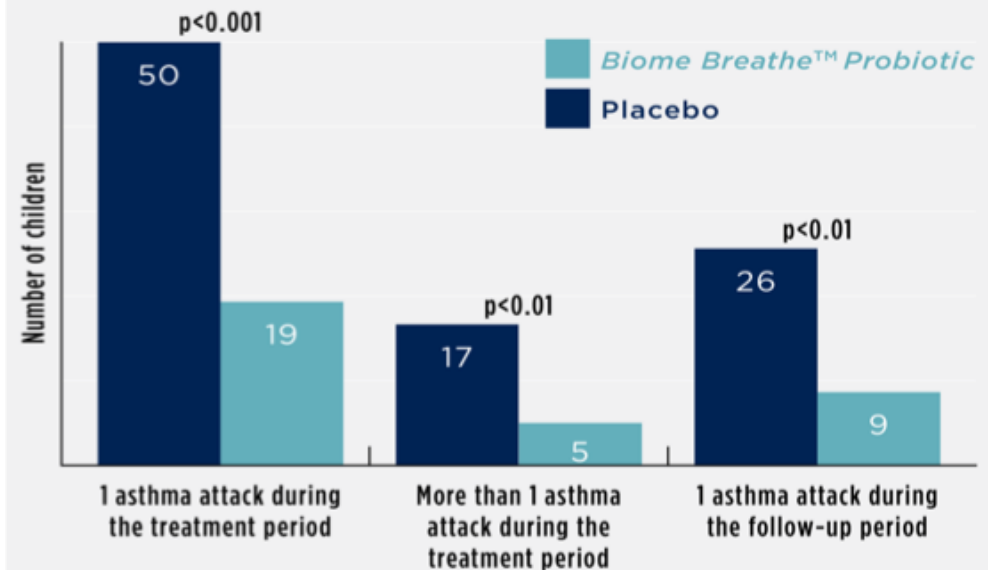
Australians died from  
asthma in 2017

\$28B

estimated cost of  
asthma in Australia  
in 2015

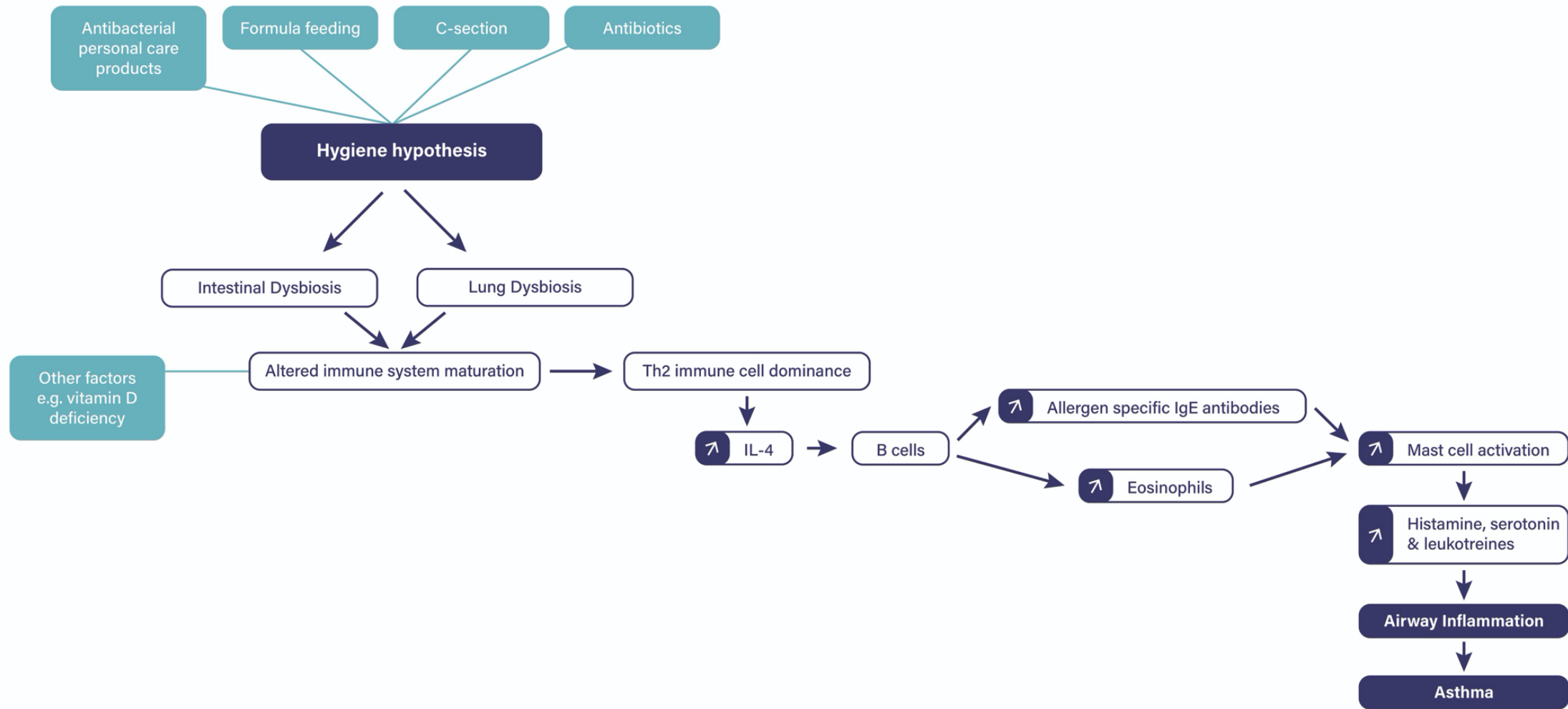
RESULTS →

**FIGURE 1: Children Experience Significantly Fewer Asthma Attacks with *Biome Breathe™ Probiotic***



**GOLD STANDARD CLINICAL TRIAL**

# Pathogenesis of Allergic Asthma



## Biome Breathe™ Probiotic Mechanism of Action

- Burden of disease - 1 in 9 Australians have asthma
- Hygiene hypothesis
- Intestinal dysbiosis
- Gut-lung axis

## Probiotics - mechanism of action:

1. Enhance the integrity of the mucosal epithelial barrier
2. Increase the production of anti-inflammatory cytokines
3. More favourable Th1/Th2 balance





Thank You

TUESDAY 17TH DECEMBER 2019

PRESENTERS: BLAIR NORFOLK & REBECCA EDWARDS

