Wheezing infant and allergic sensitization: is this really important?
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INTRODUCTION
Allergic diseases have increased worldwide.

Two Brazilian studies (PROAL I and II) were carried out in 2004 and 2016 to document allergic sensitization in children and adolescents.

OBJECTIVE
Evaluate the allergic sensitization profile in wheezing infants of PROAL II using ImmunoCAP (ICAP) and ImmunoCAP ISAC (ISAC) (Thermofisher®) methods and compare them to clinical history.

METHODS
Retrospective, cross-sectional, multicenter analysis of 470 patients of PROAL II.

Included 39 infants/preschooler children diagnosed with recurrent wheezing, which investigated for allergic sensitization by both methods ICAP and ISAC with recorded clinical data.

CONCLUSION
Allergic sensitization in infants was uncommon and not related to severity or prematurity, but ICAP looked more sensitive to evaluate sensitization in this age.

RESULTS
Total = 39 patients (64% male / 36% female)
Mean age = 11.7 months / Median age = 12 months
Begin of symptoms = 4 months (mean)

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REFERENCES