Characterization and Healthcare Resource Use of Patients with Severe Asthma in Brazil

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Aims
- Severe Asthma (SA) has been associated with a significant clinical burden with a higher use of healthcare resources and expenditures in developed countries. There is scarce data available describing characteristics of SA patients in the public health system and the burden of their illness in Brazil.
- Objective: to describe and characterize the use of healthcare resources, for exacerbations, by patients with SA in a public healthcare center in Brazil.

Methods
A post-hoc analysis was carried out with SA patients from the Program for Control of Asthma (ProAR)7 who were identified previously according to a former NIH SA criteria (1997).

Results

Severe asthma classification

Table 1. Demographic and clinical characteristics of the SA patients assessed according to modified ATS/ERS 2014 criteria

Table 2. Patients reported comorbidities (n=172)

Figure 1. Distribution of SA patients according to the number of exacerbations

Conclusions
SA patients followed in a reference center in Brazil, despite treatment according to the National guidelines, still have poor symptom control, with a considerable burden related to a high number of exacerbations. Specialized asthma management and novel treatment options are needed for this SA population sample.

References

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