



**“Strength of association between comorbidities and asthma: a meta-analysis”**  
**Paola Rogliani, Rossella Laitano, Josuel Ora, Richard Beasley**  
**and Luigino Calzetta. *Eur Respir Rev* 2023; 32: 220202**

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The authors of this review, published in the March 2023 issue, requested to clarify the following section:

“However, paradoxically, the current GINA recommendations [77] report only a few comorbidities to be managed in asthmatic patients, namely obesity, GORD, anxiety and depression, food allergy and anaphylaxis, rhinitis, sinusitis and nasal polyps. Evidently, several comorbidities strongly to very strongly associated with asthma and severe asthma were missed in the section “Managing asthma with multimorbidity” of the GINA document [77], such as relevant comorbidities in the domains of respiratory disorders (bronchiectasis), cardiovascular disorders (*i.e.* hypertension, hypertensive cardiomyopathy) and psychiatric and neuronal disorders (*i.e.* bipolar disorder, phobia, panic attack). Perhaps future recommendations for asthma management should include these disorders as comorbidities to be managed in asthma.”

This has been corrected to read:

“The current GINA recommendations [77] report numerous comorbidities to be managed in asthmatic patients, namely obesity, GORD, anxiety and depression, food allergy and anaphylaxis, rhinitis, sinusitis and nasal polyps. Based on our findings, several additional comorbidities strongly to very strongly associated with asthma and severe asthma can now be added to the section “Managing asthma with multimorbidity” of the GINA document [77], such as relevant comorbidities in the domains of respiratory disorders (bronchiectasis), cardiovascular disorders (*i.e.* hypertension, hypertensive cardiomyopathy) and psychiatric and neuronal disorders (*i.e.* bipolar disorder, phobia, panic attack). Perhaps future recommendations for asthma management should include these disorders as comorbidities to be managed in asthma.”



The article has been corrected and republished online.