

Targeted Management of Asthma: Using Phenotypes and Biomarkers to Individualize Treatment

TOOLKIT

Moderate to Severe Asthma: Identification, Diagnosis, and Management

Resource	Address
Aaron S, et al. Underdiagnosis and overdiagnosis of asthma. <i>Am J Respir Crit Care Med</i>. 2018;198(8):1012-1020.	https://pubmed.ncbi.nlm.nih.gov/29756989/
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Israel E, et al. Severe and difficult-to-treat asthma in adults. <i>N Engl J Med</i> . 2017;377(10):965-976.	https://pubmed.ncbi.nlm.nih.gov/28877019/
Izquierdo J, et al. The impact of COVID-19 on patients with asthma. <i>Eur Respir J</i> . 2021;57(3):2003142.	https://pubmed.ncbi.nlm.nih.gov/33154029/
Lambrecht B, et al. The cytokines of asthma <i>Immunity</i> . 2019;50(4):975-091.	https://pubmed.ncbi.nlm.nih.gov/30995510/
Mitchell P, et al. Anti-IgE and biologic approaches for the treatment of asthma. <i>Handb Exp Pharmacol</i> . 2017;237:131-152.	https://pubmed.ncbi.nlm.nih.gov/27864676/
McCracken J, et al. Diagnosis and management of asthma in adults: a review. <i>JAMA</i> . 2017;318(3):279-90.	https://pubmed.ncbi.nlm.nih.gov/28719697/
McGregor M, et al. Role of biologics in asthma. <i>Am J Respir Crit Care Med</i> . 2019;199(4):433-445.	https://pubmed.ncbi.nlm.nih.gov/30525902/
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Song W, et al. Patients' experiences of asthma exacerbation and management: a qualitative study of severe asthma. <i>ERJ Open Res.</i> 2021;7(2):00528-2020.	https://pubmed.ncbi.nlm.nih.gov/33834052/
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Zein J, et al. Asthma over the adult life course: gender and hormonal influences. <i>Clin Chest Med.</i> 2019;40(1):149-161.	https://pubmed.ncbi.nlm.nih.gov/30691709/

Resources and Societies

Resource	Address
Allergy and Asthma Network	https://allergyasthmanetwork.org/
American Academy of Allergy, Asthma, and Immunology	https://acaai.org/asthma
American Association for Respiratory Care	https://www.aarc.org/
American Lung Association	https://www.lung.org/lung-health-diseases/lung-disease-lookup/asthma
Association of Asthma Educators	https://www.asthmaeducators.org/
Asthma and Allergy Foundation of America	https://www.aafa.org/
Centers for Disease Control and Prevention	https://www.cdc.gov/asthma/default.htm
Global Initiative for Asthma (GINA) Guidelines	https://ginasthma.org/gina-reports/