



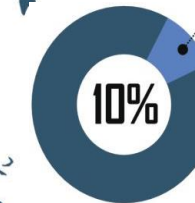
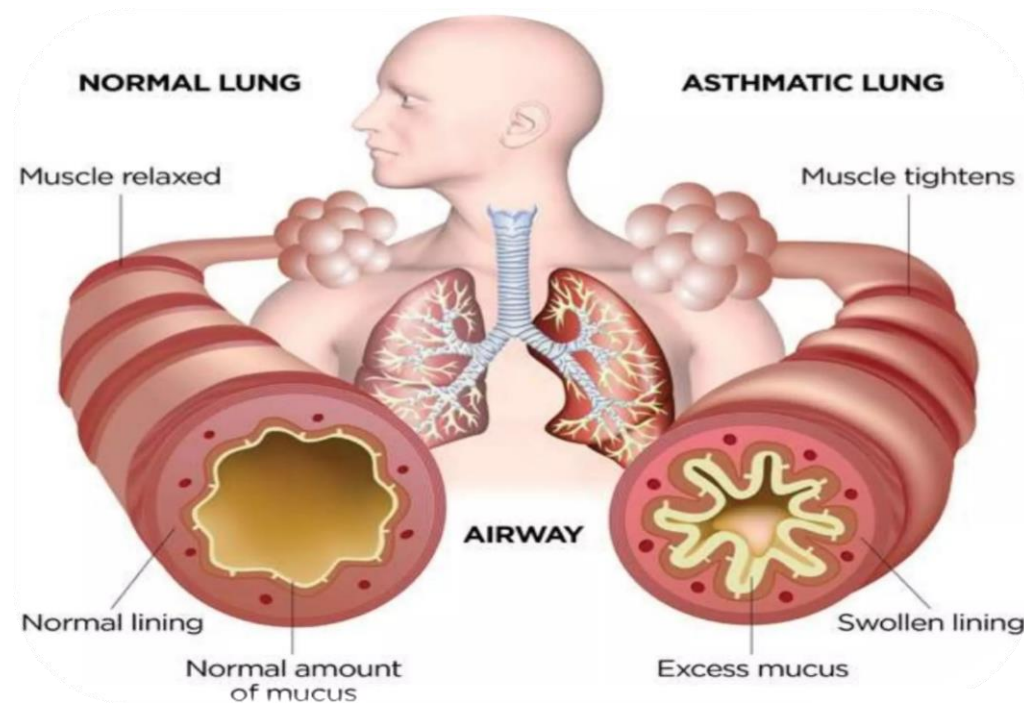
Salahaddin University-Erbil

Asthma Pathophysiology, Causes and diagnosis

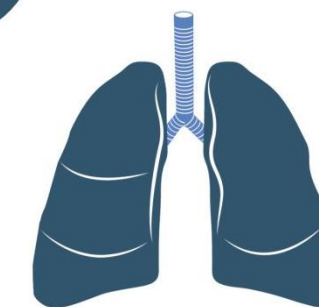
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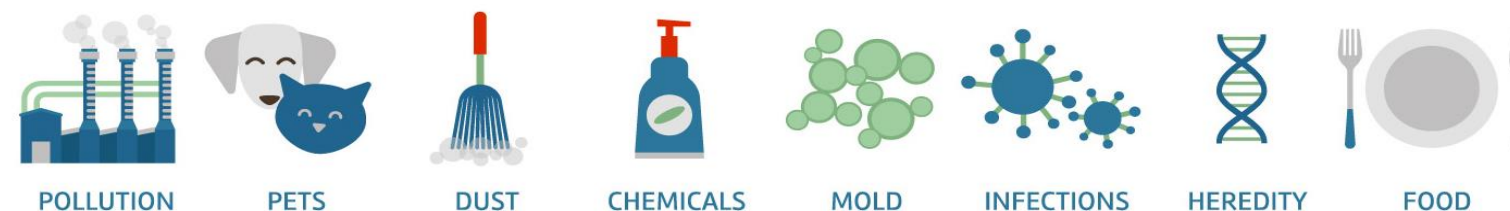
Approximately 10% of the population worldwide were affected by asthma



Lungs

Asthma is a condition in which your airways Narrow and swell and produce extra mucus. This can make breathing difficult and trigger Coughing, wheezing and shortness of breath.

ASTHMA CAUSES



ASTHMA SYMPTOMS



Types Of Asthma



1. Allergic Asthma
2. Non allergic Asthma
3. Occupational Asthma
4. Adult onset asthma
5. Childhood onset asthma
6. Exercise induced bronchoconstriction
7. Aspirin induced asthma
8. Nocturnal asthma
9. Cough variant asthma

TIPS TO MANAGE ASTHMA



Treatment



INHALERS



Avoid Asthma Triggers



SURGERY



MEDICATIONS

Conclusions

Asthma affects both children and adults and displays high morbidity. As asthma should be regarded as a syndrome, because of its phenotypic and endotypic heterogeneity, therapeutic approaches can be most effective if tailored to selected molecular targets. REFERENCE: NCES in the dysregulated pathways of that given patient.

References

- ✓ Charles E. Reed, September 2006, The natural history of asthma, Journal of allergy and clinical immunology, Issue 3, volume 118, pages 543-548
- ✓ Jennifer Y. So, Albert J. Mamary, Kartik Shenoy, 2018, Asthma: Diagnosis and Treatment, EMG;3[4]:111-121.
- ✓ <https://www.vectorstock.com>
- ✓ <https://www.shutterstock.com>
- ✓ <https://www.lifeplus.com>

9 TRIGGER FOODS TO AVOID FOR Asthma + 5 NATURAL REMEDIES

9 Foods to Avoid



5 Natural Remedies

