








IS ASTHMA AFFECTING YOUR LIFE?

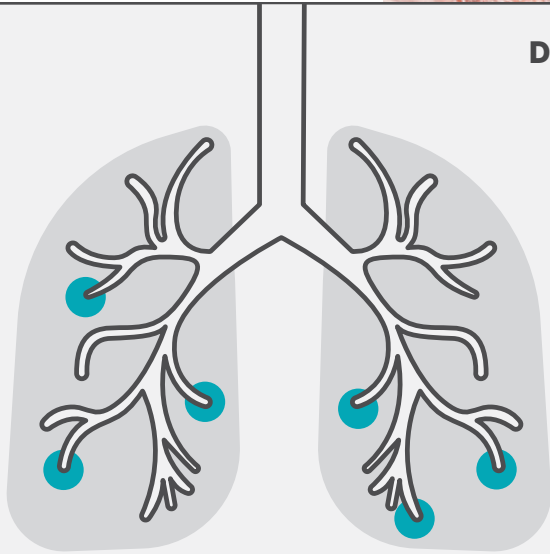
There could be more to your asthma than you know. You have been taking your medications and following doctor's orders. You avoid known triggers for flare ups. But no matter what you do, your asthma is still not controlled, it interferes with your quality of life.

Figuring out which type of asthma you have may be the key to getting the appropriate treatment and getting better control of your asthma.¹



TAKE A CLOSER LOOK AT YOUR SYMPTOMS.

-  Wheezing²
-  Coughing²
-  Difficulty Breathing²
-  Tightness in Chest²
-  Night-time Awakenings¹



DO YOU FEAR ANOTHER FLARE-UP FROM THESE TRIGGERS?

- Food Allergies/Additives⁷ 
- Weather⁸ 
- Dust/Pollen⁸ 
- Infections/Colds⁸ 
- Pet Dander⁸ 
- Odors/Fragrances⁸ 
- Stress/Strong Emotions⁸ 
- Cigarette Smoke Exposure⁸ 
- Exercise⁸ 



USE THIS CHECKLIST TO REVIEW YOUR SYMPTOMS.

IF YOU CHECK ONE OR MORE BOXES, YOU MAY HAVE HARD-TO-CONTROL ASTHMA.¹

MORE THAN 2 TIMES EVERY WEEK

- ☐ Have asthma symptoms¹
- ☐ Use of rescue inhaler¹
Don't count when used to prevent symptoms while exercising.

MORE THAN 2 TIMES EVERY MONTH

- ☐ Refill your quick-relief inhaler¹

MORE THAN 2 TIMES EVERY YEAR

- ☐ Visits to the emergency room¹

ARE YOU STRUGGLING WITH YOUR ASTHMA NO MATTER HOW MANY INHALERS YOU TRY?

NOT ALL ASTHMA IS ALIKE. SOME TYPES ARE HARDER TO CONTROL.

Your asthma may be one of several kinds that are harder to control, such as the newly-identified "phenotypes" [fee-nuh-tahyps].³

Researchers recognize that there are different subtypes of hard-to-control asthma; one of them is called S.E.A., or Severe Eosinophilic Asthma.

S.E.A. happens when high levels of white blood cells called eosinophils trigger inflammation in the lungs and airways.³

A standard complete blood test can help determine your eosinophil count. This may help your doctor diagnose whether you have S.E.A.

TAKING CONTROL BEGINS WITH YOU.

Sometimes you can get so used to asthma interrupting your life, it becomes normal to you. It's time to take an honest look at what's really going on.



Monitor symptoms, triggers and how you feel overall.⁹



Keep a record of how often your asthma flares up.⁹



Talk to your doctor about:

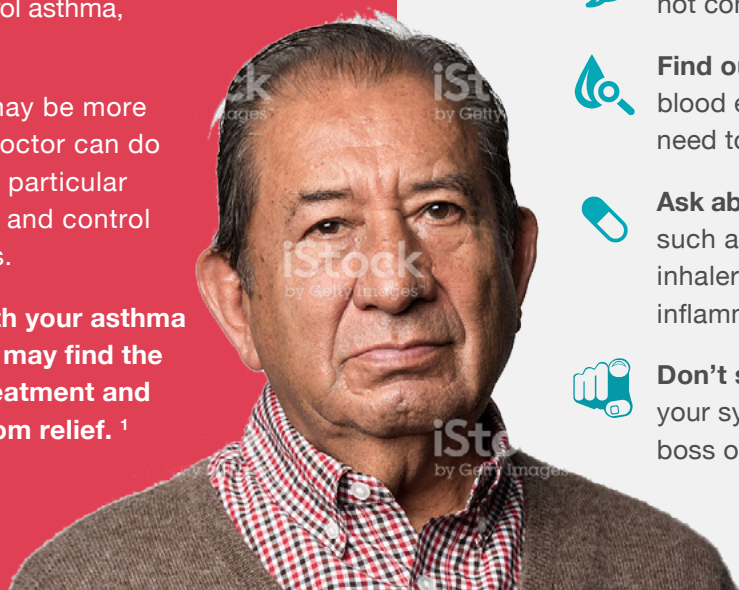
- How asthma is affecting your daily life
- How you are taking your medications, (including proper inhaler techniques)
- Types of severe uncontrolled asthma, such as S.E.A.¹

SHOW YOUR ASTHMA WHO'S THE BOSS.

You don't have to surrender to hard-to-control asthma, including S.E.A.

Realize there may be more you and your doctor can do to identify your particular type of asthma and control your symptoms.

By working with your asthma specialist, you may find the appropriate treatment and greater symptom relief.¹



FOLLOW THESE STEPS.



Fill out the free **Doctor Visit Checklist** for your next appointment at www.bethebossofyourasthma.com.



Tell your doctor if your current treatment is not controlling your symptoms well.



Find out if you have S.E.A. Ask to get your blood eosinophils levels measured.⁴ You may need to see a specialist for this blood test.



Ask about other long-term control medications, such as dry powder inhalers, metered dose inhalers, nebulizers, bronchodilators, anti-inflammatory drugs and biologics.¹⁰



Don't settle for so-so results. Keep on asking until your symptoms are under control and you are the boss of your asthma.

GET BACK IN CHARGE.

Learn more about hard-to-control asthma and S.E.A. at: www.bethebossofyourasthma.com



Developed in partnership with:



REFERENCES

1. Asthma Care Quick Reference [Guidelines from the National Asthma Education and Prevention Program in the National Heart, Lung and Blood Institute]. (2012).
2. Asthma | Asthma Symptoms | Asthma Attack | MedlinePlus. (n.d.). Retrieved May 08, 2017, from <https://medlineplus.gov/asthma.html>
3. De Groot, J. C., Brinke, A. T., & Bel, E. H. (2016). "Management of the patient with eosinophilic asthma: a new era begins" Jantina C. de Groot, Anneke ten Brinke and Elisabeth H.D. Bel. ERJ Open Res2015; 1: 00024-2016. ERJ Open Research, 2(3). doi:10.1183/23120541.50024-2016
4. Zhang, X. Y., Simpson, J. L., Yang, I. A., Upham, J. W., Reynolds, P. N., Hodge, S., . . . Gibson, P. G. (2014). Full Blood Count Parameters for the detection of asthma inflammatory phenotypes. Clinical & Experimental Allergy, 44, 8. doi:10.1111/cea.12345 phenotypes. Clinical & Experimental Allergy, 44, 8. doi:10.1111/cea.12345
5. Asthma Complications. (2016, August 30). Retrieved May 09, 2017, from <http://www.mayoclinic.org/diseases-conditions/asthma/basics/complications/complications/con-20026992>
6. Bruce, D. F. (n.d.). Asthma and Depression. Retrieved May 19, 2017, from <http://www.webmd.com/asthma/features/asthma-depression#1>
7. So You Have Asthma? A guide for patients and their families [PDF]. (2007). U.S. Department of Health and Human Services.
8. Asthma Symptoms. (2017, March 20). Retrieved May 19, 2017, from <http://acaai.org/asthma/symptoms>
9. United States, National Heart, Lung and Blood Institute in the National Institutes of Health, U.S. Department of Health and Human Services. (2007, April). Asthma Action Plan. Retrieved May, 2017, from <https://www.nhlbi.nih.gov/health/resources/lung/asthma-action-plan.html>
10. Journal of Allergy and Clinical Immunology,135(2), 311. doi:10.1016/j.jaci.2014.12.1913

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