



New
job!

Allergy
& Asthma
NETWORK



Asthma Home Visit Programs

Andrea M. Jensen, CHES®, AE-C

Allergy & Asthma Network



**People still do
home visits?!**

Diagnose & Prescribe



Reinforce & Educate



So much to worry about



Do they need help with:



Do they need help with:



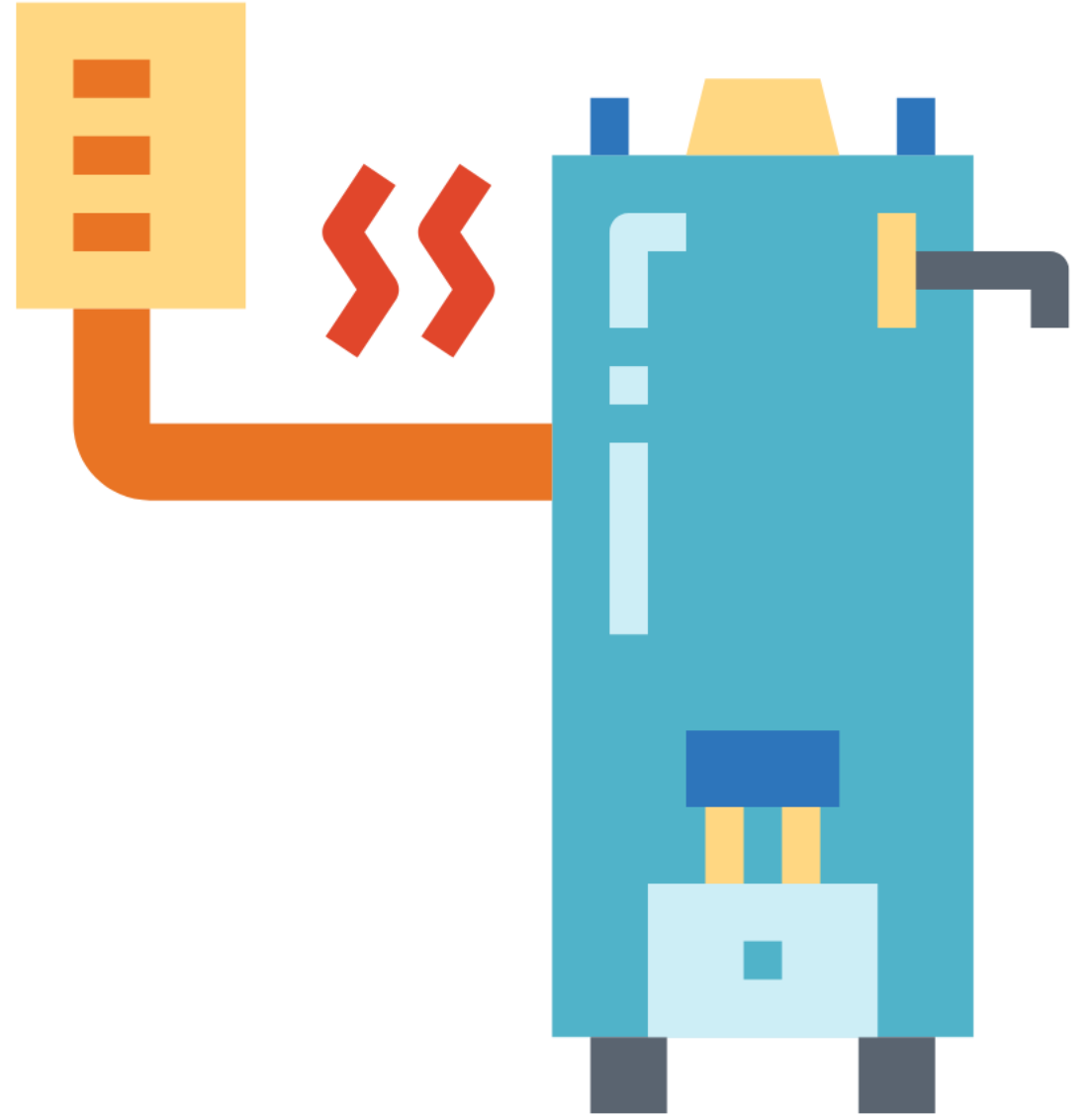
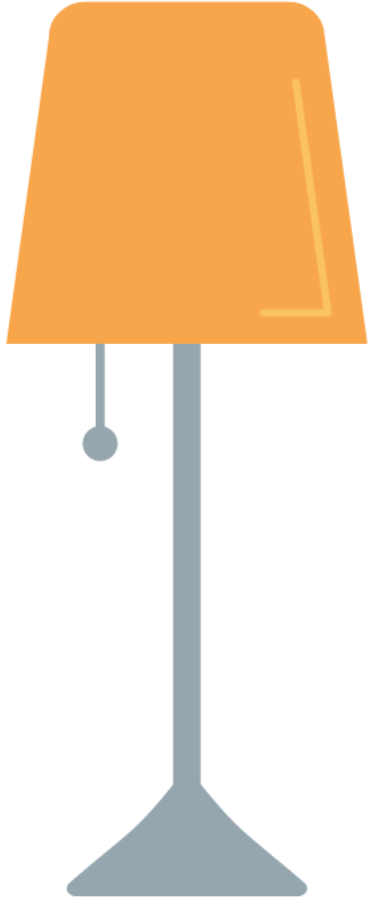
Do they need help with:



Do they need help with:







Community Health Workers





1. In-depth asthma management



2. Home-based trigger reduction

REFER A PATIENT TO THE ASTHMA HOME VISITING PROGRAM

UTAH COUNTY HEALTH DEPARTMENT



ED Visit and/or
Hospitalization within
the Last Year

IDENTIFY ELIGIBLE PATIENTS

OR



Prednisone or Other Oral
Steroid Within The Last
Year

OR



Asthma Control Test less
than 19 for Ages 4+ or a
TRACK of less than 80



PATIENTS GIVE CONSENT

Consent may be verbal
confirmation or a signature
on a release form.

Email
andrea.jensen@utahcounty.gov
for a sample release form

SEND INFORMATION (NEW FAX !)



OR



Send an encrypted
email to
Andrea Jensen
andrea.jensen@utahcounty.gov

Send a fax to Utah
Asthma Home
Visiting Program
801-851-7508

WE WILL SEND A REPORT

A report will be sent back to you when the patient either:



Has Completed
the Program

OR



Declines
Services



FOR QUESTIONS ABOUT THE PROGRAM
CALL 801-851-7509



Utah's Target Population: Persistent/Uncontrolled Asthma



ED Visit and/or
Hospitalization within
the Last Year

IDENTIFY ELIGIBLE PATIENTS

OR



Prednisone or Other Oral
Steroid Within The Last
Year

OR



Asthma Control Test less
than 19 for Ages 4+ or a
TRACK of less than 80



No income requirement
No age limits

***** Every Home Visit Program is different *****

Sending a referral



PATIENTS GIVE CONSENT

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Email

andreaaj@utahcounty.gov
for a sample release form

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Send an encrypted email to

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OR



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Close the Referral Loop

WE WILL SEND A REPORT

A report will be sent back to you when the patient either:



**Has Completed
the Program**

OR



**Declines
Services**

ASTHMA HOME VISIT PROGRAM

Now providing virtual visits!

A free program to make your home asthma friendly



VISIT 1

Learn about asthma symptoms, triggers, medications and inhaler techniques



VISIT 2

Walk through your home to identify asthma triggers, then set goals to reduce the triggers



VISIT 3

Discuss progress on controlling your asthma triggers or reducing triggers



CALL 1

You will get a phone call 6 months after Visit 3 to talk about questions or concerns



CALL 2

You will get a phone call 1 year after Visit 3 to talk about questions or concerns

FOR QUESTIONS ABOUT THE PROGRAM

CALL 801-851-7509



3

Visits

2

Follow up calls

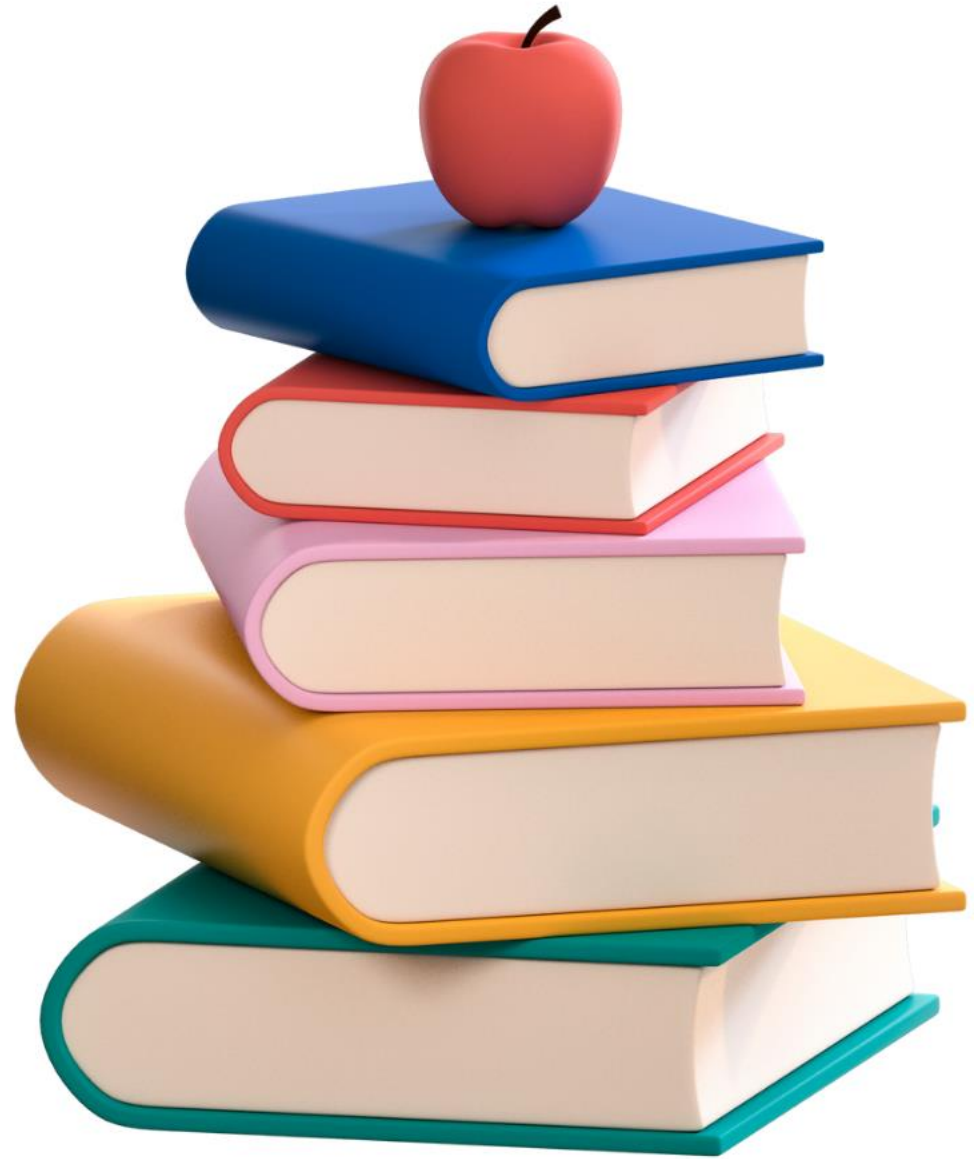
Can't see on phones





VISIT 1

Learn about asthma symptoms, triggers, medications and inhaler techniques



In-depth asthma education



Asthma Triggers



Controlled Asthma



You sleep through the night without asthma symptoms



You have no trouble with your daily activities or exercising

Uncontrolled Asthma



You take your rescue inhaler more than **2 times per week**



You wake up at night with asthma symptoms more than **2 times a month**



You refill your rescue inhaler more than **2 times per year**

The Rules of Two© is a registered trademark of Baylor Health Care System

Rules of TWO[®]

When is quick relief for asthma NOT ENOUGH?

DO YOU....

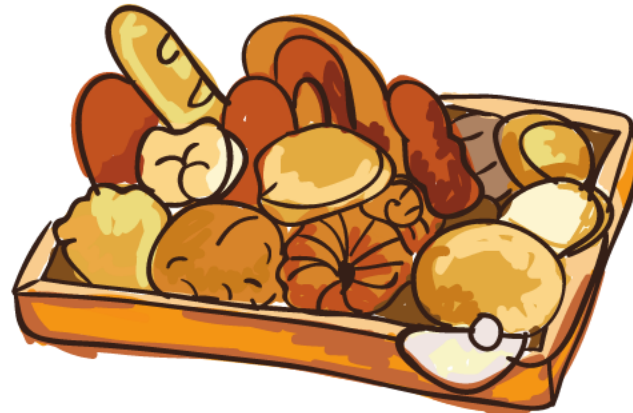
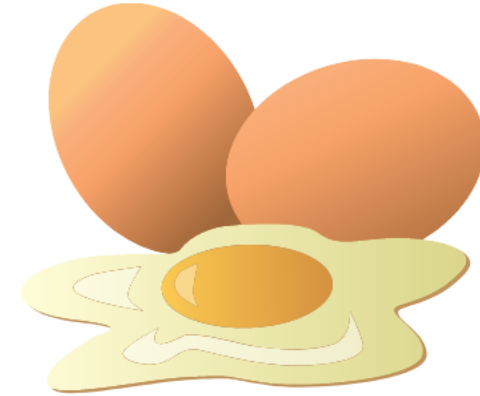
- Take your quick relief inhaler more than TWO TIMES A WEEK?
- Awaken at night with asthma more than TWO TIMES A MONTH?
- Do you refill your quick-relief inhaler more than TWO TIMES A YEAR?
- Use prednisone TWO or more times a year for flares of asthma?
- Measure changes in peak flow with asthma symptoms of more than TWO TIMES 10 (20%)?

If you answer "yes" to any of them, talk to your doctor.

Rules of Two is a registered trademark of Baylor Health Care System



Food Allergies - "Big 9"



Chef Cards and Autoinjectors

CHEF: ALLERGY ALERT

I have a severe allergy to SEAFOOD.

Even trace amounts of seafood (fish or shellfish) can cause a life threatening reaction. Avoid cross contamination by cleaning all utensils, pans, cooking surfaces and cutting boards. Please verify safe cooking oils, marinades, sauces, seasonings, and ingredients are used in my meal.

Thank you for a safe dining experience. www.AllergyFreeTable.com

What Epinephrine Products Are Currently Available in the U.S.?



Visit kidswithfoodallergies.org to learn more.

Controller vs Reliever/Rescue





SHORT-ACTING BETA₂-AGONIST BRONCHODILATORS

relax tight muscles in airways and offer quick relief of symptoms such as coughing, wheezing and shortness of breath for 3-4 hours

ProAir[®] HFA albuterol sulfate DI A	ProAir RespiClick[®] albuterol sulfate inhalation powder DI A	Proventil[®] HFA albuterol sulfate A	Ventolin[®] HFA albuterol sulfate DI G	Xopenex HFA[®] levalbuterol tartrate A G
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LONG-ACTING BETA₂-AGONIST BRONCHODILATORS

relax tight muscles in airways and offer lasting relief of symptoms such as coughing, wheezing and shortness of breath for at least 12 hours

Arcapta[®] Neohaler[®] indacaterol inhalation powder C	Serevent[®] Diskus[®] salmeterol xinafoate inhalation powder DI A G	Striverdi[®] Respimat[®] vandevaterol hydrochloride DI G
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INHALED CORTICOSTEROIDS

reduce and prevent swelling of airway tissues, they do not relieve sudden symptoms of coughing, wheezing or shortness of breath

Alvesco[®] HFA 96 mcg, 180 mcg ciclesonide DI A	ArmonAir[™] RespiClick[®] 22 mcg, 112 mcg, 232 mcg fluticasone propionate inhalation powder DI A	ArmonAir[™] Ellipta[®] 100 mcg, 200 mcg fluticasone furoate inhalation powder DI A	Asmanex[®] HFA 100 mcg, 200 mcg mometasone furoate DI A	Asmanex[®] Twisthaler[®] 100 mcg, 200 mcg mometasone furoate inhalation powder DI A	Flovent[®] Diskus[®] 50 mcg, 100 mcg, 250 mcg fluticasone propionate inhalation powder DI A	Flovent[®] HFA 44 mcg, 110 mcg, 220 mcg fluticasone propionate DI A	Pulmicort Flexhaler[®] 50 mcg, 100 mcg budesonide inhalation powder DI A	QVAR[®] Redihaler[®] 90 mcg, 180 mcg beclomethasone dipropionate DI A
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COMBINATION MEDICATIONS

combine both inhaled corticosteroid and long acting beta₂-agonist (LABA)

Advair Diskus[®] 100/60, 200/60, 300/60 fluticasone propionate and salmeterol inhalation powder DI A G	Advair[®] HFA 100/60, 200/60, 300/60 fluticasone propionate and salmeterol inhalation powder DI A G	AirDuo[™] RespiClick[®] 10/14 mcg, 11/14 mcg, 15/14 mcg fluticasone propionate and salmeterol inhalation powder DI A G	Breo[™] Ellipta[®] 3/200 mcg, 20/200 mcg fluticasone furoate and vilanterol inhalation powder DI A G	Dulera[®] 100/5, 200/5, 300/5 mometasone furoate and formoterol fumarate dihydrate DI A	Symbicort[®] (HFA) 100/4.5, 160/4.5 budesonide and formoterol fumarate dihydrate DI A G	Anoro[™] Ellipta[®] 100/6/20 mcg fluticasone furoate, vilanterol and umedidil inhalation powder DI A G	Bevespi Aerosphere[®] 100/4.5/6 mcg glycopyrronium and formoterol fumarate dihydrate DI A G	Stiolto[™] Respimat[®] 12.5 mcg/2.5 mcg tiotropium bromide and vilanterol inhalation powder DI A G	Ultibro[™] Neohaler[®] 12.5 mcg/2.5 mcg tiotropium bromide and vilanterol inhalation powder E	Teqali[™] Ellipta[®] 100 mcg/2.5 mcg/20 mcg fluticasone furoate, umedidil and vilanterol inhalation powder DI A G
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MUSCARINIC ANTAGONIST (ANTICHOLINERGIC)

relax smooth muscle, reduce airway inflammation and cause bronchodilation with chronic lung disease

Axover[®] HFA atropine bromide DI G	Lonchastine[®] Long-acting Seberin[™] Neohaler[®] glycopyrronium inhalation powder E	Incruse[™] Ellipta[®] glycopyrronium inhalation powder DI A	Spiviera[™] Handihaler[®] atropine bromide inhalation powder E	Uptiva[™] Respimat[®] tiotropium bromide DI A G	Tedraza[™] Pressair[™] atropine bromide inhalation powder DI A
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COMBINATION

muscarinic antagonist and beta₂-agonist

Combivent[®] Respimat[®] glycopyrronium bromide and albuterol DI A G

BIOLOGICS

Cinqair[®] omalizumab E	Dupixent[®] 300 mcg, 300 mg dupilumab E	Fasenra[®] reslizumab E	Nucala[®] mepolizumab E	Xolair[®] omalizumab E
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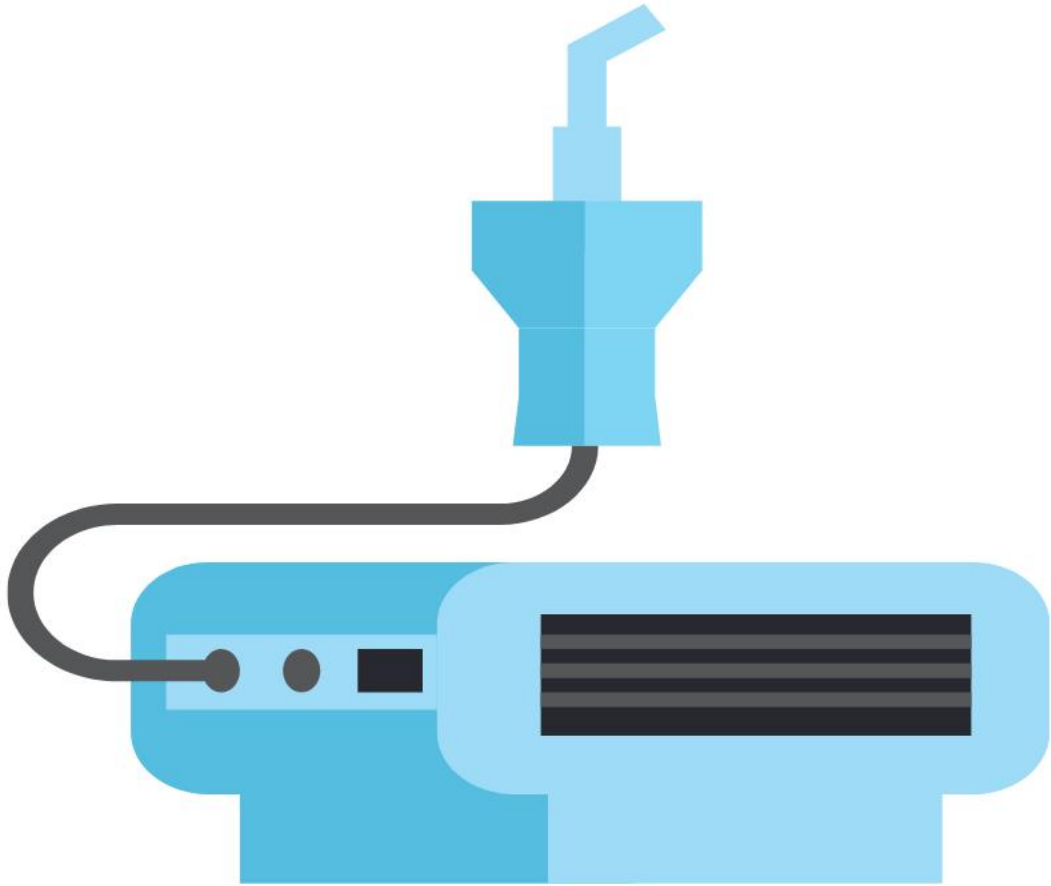
BRONCHIAL THERMOPLASTY

A non-drug procedure that uses heat to shrink airway smooth muscle, leading to fewer asthma symptoms. Learn, see, and feel it all from within. www.thermal.com

PDE4 INHIBITORS

Daliresp[®] 250 mcg/300 mcg roflumilast E

Nebulizers and spacers



Biologics



NEW Biologic!



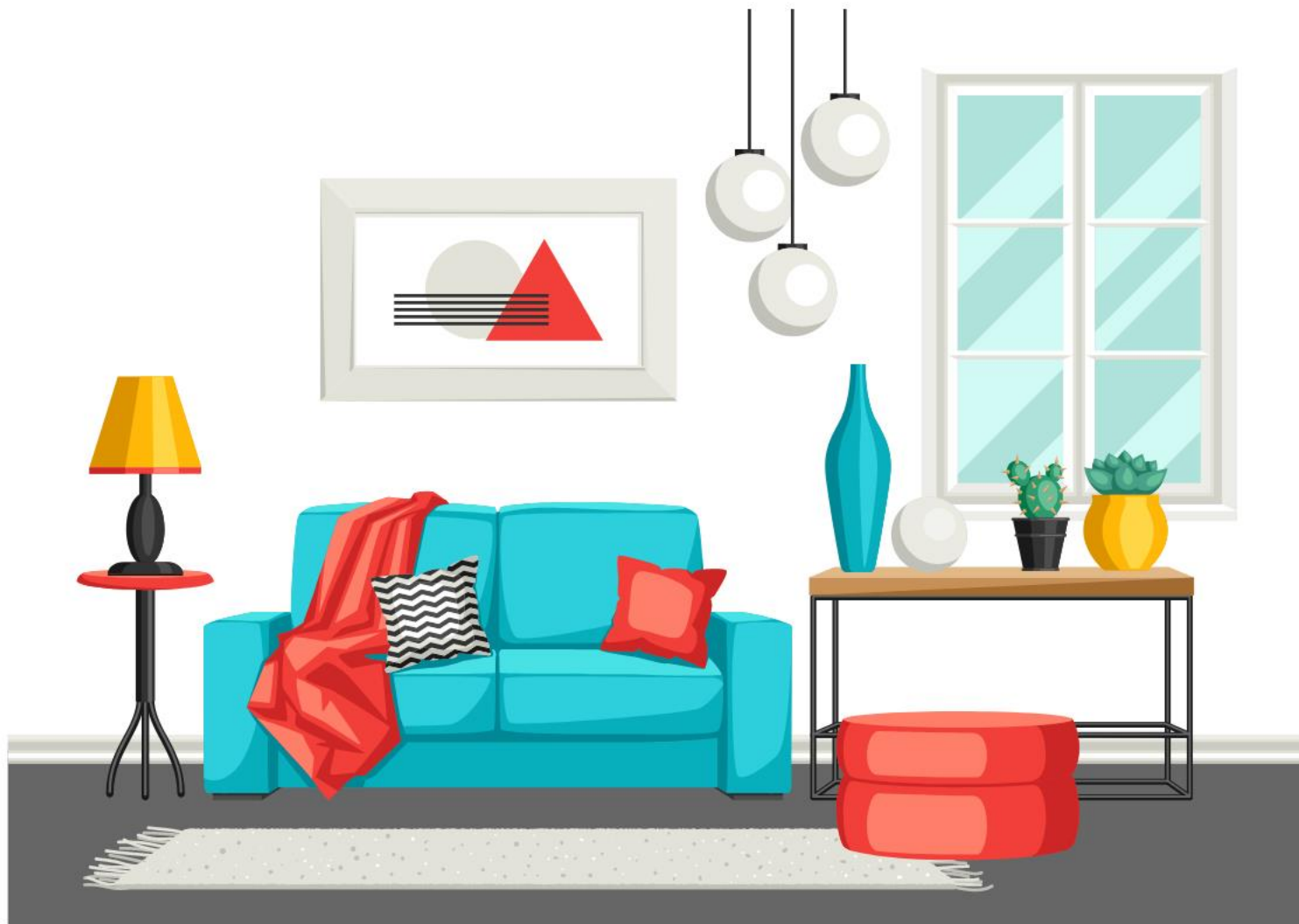


VISIT 2

Walk through your home to identify asthma triggers, then set goals to reduce the triggers



Visit 2



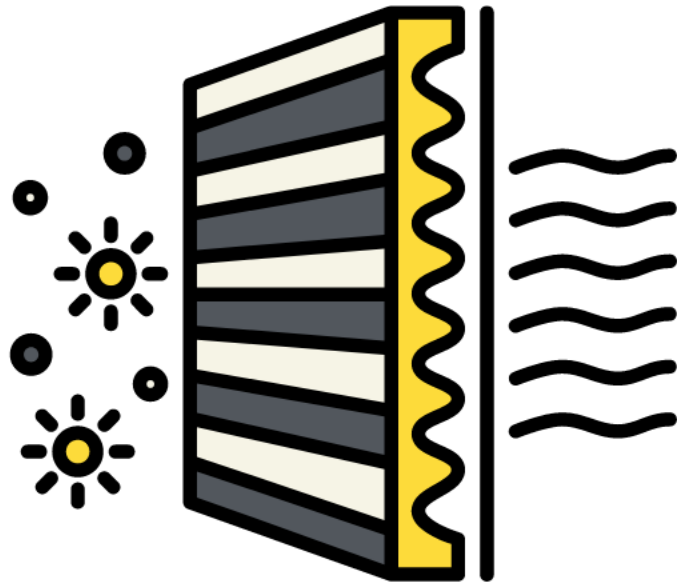
Irritants and Allergens



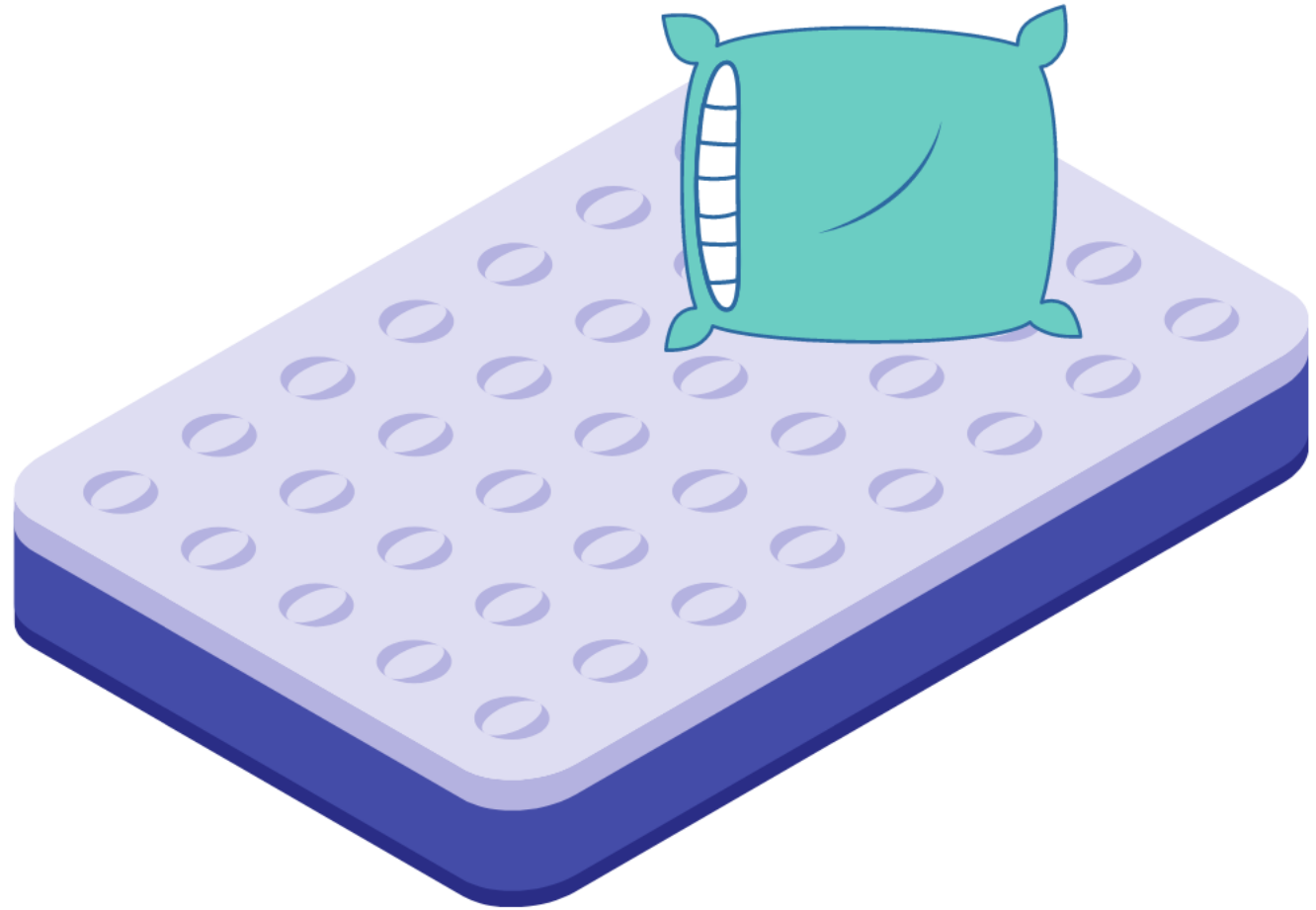
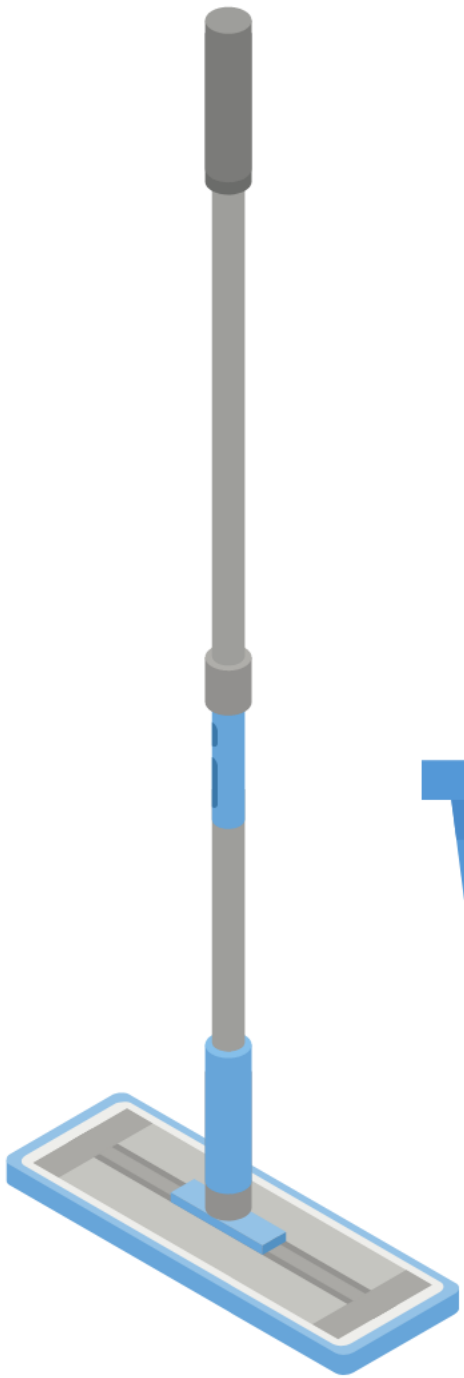
Triggers in the home



What to do about them



Incentives



Housing Partners



****Salt Lake County ONLY ****



Critical Home Repair & Housing Rehabilitation Program

CDBG funding - Community Development Block Grants



VISIT 3

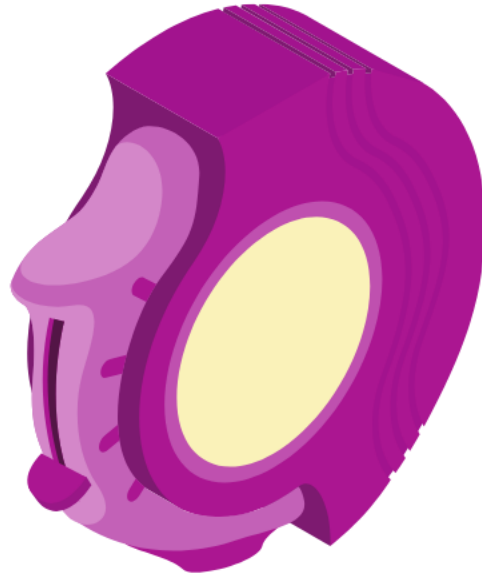
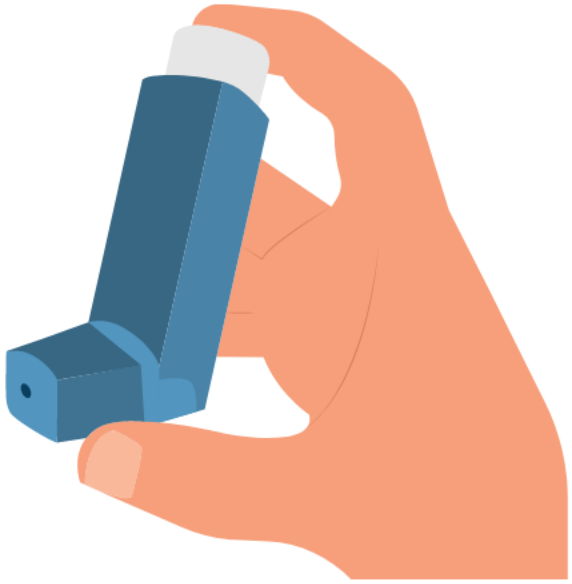
Discuss progress on
controlling your asthma
triggers or reducing
triggers



REVIEW



Repeat



Follow ups!



CALL 1

You will get a phone call 6 months after Visit 3 to talk about questions or concerns



CALL 2

You will get a phone call 1 year after Visit 3 to talk about questions or concerns

Follow ups!



Months



Months

Outcomes

**Asthma ER
visits**

↓ 75%



**Unplanned doctor
visits**

↓ 60%



Hospital stays

↓ 82%



Outcomes

Missed school
days

↓ 53%



Missed work
days

↓ 75%



Oral
Corticosteroids

↓ 53%



Administrative Problems



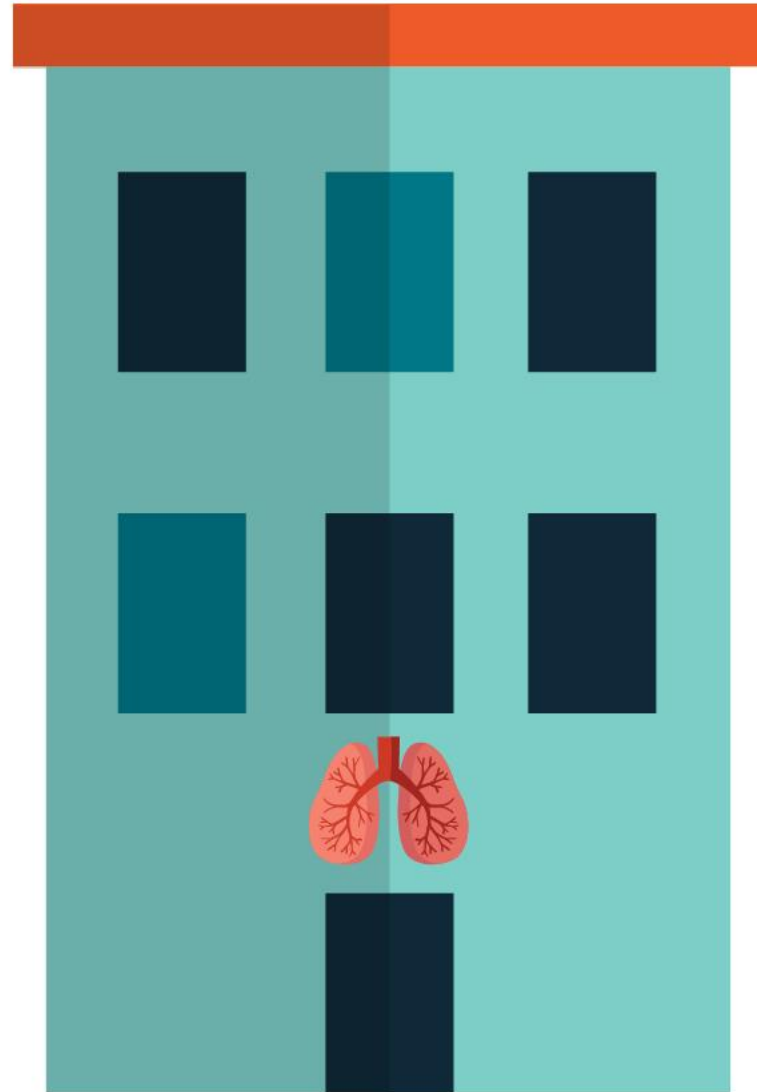
Barriers



Other barriers



Partners





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Education Specialist

ajensen@allergyasthmanetwork.org

Questions?

