

TICK BITE PREVENTION

GEAR UP: Cover your skin when walking in grassy or wooded areas. Tuck pant legs into socks. Light-colored, protective clothing makes tick identification easier.

INSECT REPELLENT: Use repellent with DEET or picaridin.

CLOTHING: Treat outdoor clothing with permetherin.

PETS: Keep pets on a leash when walking in grassy or wooded environments. Make sure to check them for ticks after being outdoors and use pet-safe tick repellent.

AFTER BEING OUTDOORS: Make sure to perform full body tick checks on yourself and family members once inside.

PROPER REMOVAL: Remove ticks by using tweezers to gently grasp the tick close to its head or mouth. Be sure to pull cautiously and steadily.

ADDITIONAL RESOURCES

For More Information on AGS

Martha's Vineyard Board of Health

www.mvboh.org

Centers for Disease Control and Prevention

www.cdc.gov/ticks/alpha-gal/

Alpha-gal Information (AGI) www.alphagalinformation.org



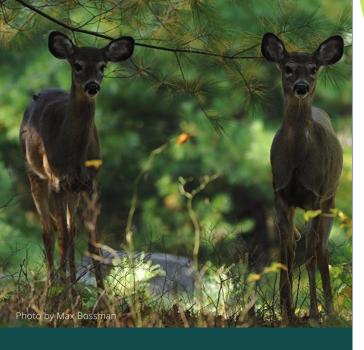




THE RED MEAT ALLERGY

ALPHA-GAL SYNDROME ON MARTHA'S VINEYARD

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WHAT IS ALPHA-GAL SYNDROME?

Alpha-gal is a sugar found in most mammals, but humans produce an insignificant amount of alphagal. When a tick feeds on a mammal host, like a deer, and later feeds on another, a human, the carrier tick introduces alphagal to the body. An antibody response activates to fight against alpha-gal; from then on, we may experience allergic reactions that occur after consuming mammalian products. Known as Alpha-gal Syndrome (AGS), this condition is becoming more common in New England.

SYDROME SYMPTOMS

Allergic reactions to alpha-gal range in severity and usually occur 3-8 hours after consuming mammalian products. These are common symptoms of AGS:

SKIN: ~90% of cases experience irritation or swelling of the hands and feet. Hives are a common symptom.

ANAPHYLAXIS: ~60% of cases experience anaphylactic reactions

GASTROINTESTINAL: +60% of cases experience abdominal pain, nausea, vomiting, diarrhea, or heartburn

CARDIOVASCULAR: 30-40% of cases experience hypotension, irregular heartbeat, dizziness, or shock

SOURCES OF ALPHA-GAL

- MAMMALIAN MEAT: beef, pork, etc.
- MAMMALIAN ORGANS: liver, kidney, etc.
- DAIRY: milk, cheese, etc.
- **GELATIN:** cosmetics, candy, etc.
- MEDICAL TREATMENT: certain vaccines & medications containing animal byproducts

TICK ID

The lone star tick is believed to be the main transmitter of AGS in the United States



Photo by CDC

WHAT BITES?

Larvae, nymphs, and adults all bite humans

WHEN?

April through September in New England

COLORING

Adults: brown body - females have a

white spot on the hood

Nymphs: light brown body without a

white spot

Larvae: Transluscent

SIZE

Unfed adults: Apple seed

Nymphs: Poppy seed

Larvae: Pinhead