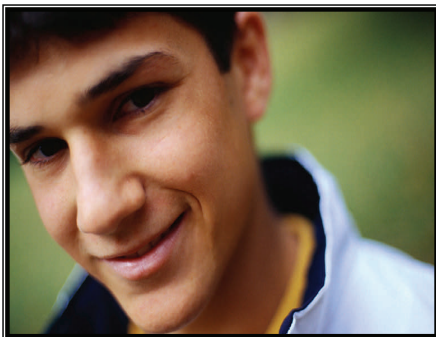


WHY IS THIS STUDY BEING CONDUCTED?

A growing body of evidence supports behavioral treatments as effective interventions for reducing tic symptoms. Currently very little is known about the effects of prolonged tic suppression, an active treatment component. Information collected in this research study will allow researchers to better understand the effects of prolonged tic suppression and will be used to develop behavioral treatments for tic disorders that are increasingly effective and acceptable to patients.



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Tourette Syndrome Association, Inc.



JOHNS HOPKINS
M E D I C I N E

EFFECTS OF TIC SUPPRESSION RESEARCH STUDY



**A Tourette's
and Chronic Tic
Disorder
Research Study
at
Johns Hopkins**

EFFECTS OF TIC SUPPRESSION STUDY

WHO IS ELIGIBLE FOR THE STUDY?

Children and adolescents with Tourette's Disorder or Chronic Tic Disorders (ages 10-17 years) who are interested in helping researchers understand the effects of prolonged suppression of tics may be eligible for this study.

WHAT IF MY CHILD IS ALREADY ON MEDICATION FOR TICS?

If your child is currently taking medication for tics, he/she cannot participate in this study.

If your child is taking medication for another problem, he/she may still be eligible for this research study.

Your child should continue to see his or her doctor and take his or her medication during the study.



WHAT TO EXPECT FROM THE STUDY:

Potential participants will initially complete a telephone screen. Those who appear to be eligible for the study will be asked to visit the clinic on one occasion for approximately 3 hours.

During the appointment participants and their parents will be asked to complete questionnaires and a diagnostic interview as well as a video-taped observation of tic symptoms as part of a free evaluation of tic disorder symptoms.

Eligible participants will return for a second clinic visit within approximately one week to complete a tic suppression task.

WHAT ARE THE BENEFITS TO PARTICIPATION?

There is no direct benefit for your child regarding their tic symptoms from taking participation in this study.

Allowing your child to take part in this study will help researchers learn more about tic disorders in young people.

Your child will receive a free evaluation of tic symptoms

Participants can earn up to \$100 for participation in this study. Free parking is also included.

WHAT IS TOURETTE SYNDROME?

Tourette Syndrome is a brain disorder characterized by repeated and involuntary motor movements (tics) as well as uncontrollable vocalizations. Tic symptoms typically begin at 5-7 years of age. Males are affected 3 to 4 times more often than are females. Symptom severity ranges from mild to severe. Medications and behavioral interventions can be effective in reducing tic severity. Preliminary research has demonstrated that patients can suppress tic symptoms for up to 40 minutes, when adequately reinforced, and without a subsequent rebound in tic symptoms.

TIC SYMPTOMS MAY INCLUDE:

Repeated uncontrollable muscle movements:

- Blinking, Winking, and Squinting
- Facial Grimacing
- Tongue or Mouth Movements
- Head Jerking or Shaking
- Arm and Leg movements

Repeated uncontrollable sounds:

- Humming
- Sniffing
- Coughing
- Throat clearing
- Whistling.