

Volunteers needed for research study!

Exercise Respiratory Center (ExRC)



"Normative Analysis of Breathing Patterns in Healthy Children and "Adolescents, and Pattern Deviations in Patients With Exercise-Induced Respiratory Symptoms Using Motion-Capture-Based Optoelectronic Plethysmography (OEP)"

We are looking for participants ages 8 to 18 years old to help us gather information about breathing patterns during exercise in children and adolescents.

The study involves a one-time visit to the Cook Children's Exercise Respiratory Center lasting about 60 to 90 minutes.

Participants will wear reflective markers on their skin while running on a treadmill. The intensity and duration may vary depending on age group and participant ability.

This data will help establish normal breathing patterns that help young athletes with difficulty breathing during exercise resolve their symptoms and return to their activities.

Participants will be provided a copy of their study results for their personal use.

\$20 compensation included for participants.

We are looking for:

- Healthy children/young adults ages 8-18 years
- Who are able to run on a treadmill
- Who are pain-free and have no history of chronic illness including controlled asthma
- Who are willing to wear surface reflective markers

On the day of the study:

- Wear sneakers or athletic shoes and athletic attire
- Pull back long hair
- Be prepared to run without a shirt on (sports bra only for female participants)
- Not apply lotion to their body

Cook Children's Exercise Respiratory Center

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