Update On Lindsay’s Law
Sudden Cardiac Arrest in Athletes

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Ohio Senate Bill 252d, known more commonly as Lindsay’s Law, went into effect in Ohio in 2017. It is named for national heart health advocate and former Miss Ohio Lindsay Davis and aims to protect young athletes from sudden cardiac arrest (SCA). It applies to middle school and high school athletes, in both public and private schools, as well as those involved in youth sports organizations.

There are 3 main components to the law:

1) It mandates education for athletes, parents, and coaches regarding the common signs, symptoms and risk factors of SCA.

2) It describes a protocol for the assessment, clearance, and return to sports for athletes who have syncope prior to, during, or following athletic activity.

3) It defines which healthcare providers (physicians, certified nurse practitioners, clinical nurse specialists, certified nurse-midwives, licensed physician assistants, and licensed athletic trainers) can evaluate and make clearance decisions related to SCA.

According to the law, any athlete who exhibits syncope related to sports or activity should be removed from participation and not allowed to return until evaluated and cleared in writing by an authorized provider. In addition, any athlete whose biological parent, sibling, or child has experienced SCA should be held from participation if the athlete has not been previously evaluated.

Coaches must complete Ohio Department of Health approved training, which includes a video and written handout, on an annual basis. Parents and athletes are required to perform similar training and submit a signed information sheet each year.

Since its implementation, Lindsay’s Law has increased awareness regarding SCA throughout Ohio. This is important because while rare, SCA can be difficult to both prevent and treat.

Any athlete participating in school sponsored sports is required by the Ohio High School Athletic Association to have a Pre Participation Physical Evaluation (PPE or sports physical) each year. The PPE should ideally be performed by the athlete’s primary care provider.

Unfortunately, even with a detailed personal and family history and physical exam, underlying cardiac issues can be difficult to detect. Often an athlete has no signs or symptoms prior to SCA. Some groups advocate for advanced cardiac screening (for example with ECG or cardiac echo) as part of the PPE process. While advanced screening can increase sensitivity, there are downsides as well (false positives, cost) that have to this point precluded it from becoming universally adopted.

The key to treatment of SCA is rapid response time. The single greatest factor in determining survival in out of hospital cardiac arrest is the time from arrest to defibrillation. Therefore it is crucial that schools and youth sports organizations establish and post an Emergency Action Plan (EAP). All facilities should be equipped with an AED that can be quickly accessed. The EAP should be practiced by coaches, athletes and medical staff so that everyone is familiar with what to do in the case of an emergency. If SCA occurs, proper protocol is to call 911, begin CPR and immediately retrieve the AED and follow prompts as soon as possible.

For more information on Lindsay’s Law and SCA, access the ODH website at: odh.ohio.gov/wps/portal/gov/odh/programs/Lindsay's-Law/welcome/