February 27, 2019

Dear Parent/Guardian:

It is that time of the year again to begin thinking about the 2019-2020 Athletic season at River Road.

<u>ALL</u> students who plan on participating in any type of sport for the next school year MUST have current paperwork completed prior to participation in any UIL sport/practice.

If your student is entering the 7th, 9th, 11th grade, injury that requires a physician's release, or is new to the school district will require a new pre-participation release (physical).

For your convenience we will be offering physicals for students at the school on the following dates.

Athletic Physical Clinic

April 26, 2019 Time: TBA

\$25 (cash or check only - RRHS Athletics) **Physical and Sway** testing technology will be included

If your student decides to receive physical elsewhere, it will be your responsibility to return physical form prior to summer workouts. Failure to do this will result in delayed participation on River Road ISD facilities.

If you have any questions regarding Athletic Physicals process, please feel free to call.

Bryan Welps

Athletic Director River Road ISD 101 W. Mobley Amarillo, Texas 79108 806-383-8867

Christian Aviles

Athletic Trainer River Road ISD 101 W. Mobley Amarillo, Texas 79108 806-893-3292

ACKNOWLEDGEMENT OF RULES

on file of the	at your school before student's medical histo	the student may partic	ipate in any practice sess ination form signed by a	student and parent/guardian and be ion, scrimmage, or contest. A copy physician or medical history form		
				Date of Birth		
		Parent or	Guardian's Permit			
	y give my consent for the a ch or other representative of		University Interscholastic Le	ague approved sports, and travel with		
(UIL) r Family high sc District complia	Furthermore, as a condition of participation and for the purpose of ensuring compliance with University Interscholastic League (UIL) rules, I consent to the disclosure of personally identifiable information, including information that may be subject to the Family Educational Rights and Privacy Act (FERPA), regarding the above named student between and among the following: the high school or middle school where the student currently attends or has attended; any school the student transfers to; the relevant District Executive Committee and the UIL. I further understand that all information relevant to the student's UIL eligibility and compliance with other UIL rules may be discussed and considered in a public forum. I acknowledge that revocation of this consent must be in writing and delivered to the student's school and the UIL.					
It is und remains	derstood that even though ps. Neither the University Ir	protective equipment is won terscholastic League nor the	rn by the athlete whenever nee he high school assumes any re	eded, the possibility of an accident still sponsibility in case an accident occurs.		
		iversity Interscholastic Lea niversity Interscholastic Le		of this form and agree that my son/		
	lersigned agrees to be respo	•	e	by the school to the above named		
injury o	If, in the judgement of any representatives of the school, the above student needs immediate care and treatment as a result of any injury or sickness, I do hereby request, authorize, and consent to such care and treatment as may be given to said student by any physician, licensed athletic trainer, nurse, hospital, or school representative; and I do hereby agree to indemnify and save harmless the school and any school representative from any claim by any person whomsoever on account of such care and treatment of said student					
responsi		n. I understand that failure		s including concussions and my ful information on UIL forms could subject		
The Ul	L Parent Information Ma	anual is located at www.	uiltexas.org/files/athletics/r	nanuals/parent-information-manual.pdf.		
				ed athletic trainers, coaches, associated sis and treatment for your student.		
To the Parent: Check any activity in which this student is allowed to participate.						
	Baseball	Football	Softball	Tennis		
	Basketball	Golf	Swimming & Diving	Track & Field		
	Cross Country	Soccer	Team Tennis	Volleyball		
	Wrestling					
	Date					
	Signature of parent or guardian					
	Street address					
	City	State	Zip _			
	Home Phone		Business Phone			

GENERAL INFORMATION

School coaches may not:

- Transport, register, or instruct students in grades 7-12 from their attendance zone in non-school baseball, basketball, football, soccer, softball, or volleyball camps (exception: See Section 1209 of the Constitution and Contest Rules).
- Give any instruction or schedule any practice for an individual or a team during the off-season except during the one in school day athleticperiod in baseball, basketball, football, soccer, softball, or volleyball
- Schools and school booster clubs may not provide funds, fees, or transportation for non-school activities.

GENERAL ELIGIBILITY RULES

According to UIL standards, students could be eligible to represent their school in interscholastic activities if they:

- are not 19 years of age or older on or before September 1 of the current scholastic year. (See Section 446 of the Constitution and Contest Rules for exception).
- have not graduated from high school.
- are enrolled by the sixth class day of the current school year or have been in attendance for fifteen calendar days immediately preceding a varsity contest.
- are full-time students in the participant high school they wish to represent.
- initially enrolled in the ninth grade not more than four years ago.
- are meeting academic standards required by state law.
- live with their parents inside the school district attendance zone their first year of attendance. (Parent residence applies to varsity athletic eligibility only.) When the parents do not reside inside the district attendance zone the student could be eligible if: the student has been in continuous attendance for at least one calendar year and has not enrolled at another school; no inducement is given to the student to attend the school (for example: students or their parents must pay their room and board when they do not live with a relative; students driving back into the district should pay their own transportation costs); and it is not a violation of local school or TEA policies for the student to continue attending the school. Students placed by the Texas Youth Commission are covered under Custodial Residence (see Section 442 of the Constitution and Contest Rules).
- have observed all provisions of the Awards Rule.
- have not been recruited. (Does not apply to college recruiting as permitted by rule.)
- have not violated any provision of the summer camp rule. Incoming 10-12 grade students shall not attend a baseball, basketball, football, soccer, or volleyball camp in which a seventh through twelfth grade coach from their school district attendance zone, works with, instructs, transports or registers that student in the camp. Students who will be in grades 7, 8, and 9 may attend one baseball, one basketball, one football, one soccer, one softball, and one volleyball camp in which a coach from their school district attendance zone is employed, for no more than six consecutive days each summer in each type of sports camp. Baseball, Basketball, Football, Soccer,Softball, and Volleyball camps where school personnel work with their own students may be held in May, after the last day of school, June, July and August prior to the second Monday in August. If such camps are sponsored by school district personnel, they must be heldwithin the boundaries of the school district and the superintendent or his designee shall approve the schedule of fees.
- have observed all provisions of the Athletic Amateur Rule. Students may not accept money or other valuable consideration (tangible or intangible property or service including anything that is usable, wearable, salable or consumable) for participating in any athletic sport during any part of the year. Athletes shall not receive valuable consideration for allowing their names to be used for the promotion of any product, plan or service. Students who inadvertently violate the amateur rule by accepting valuable consideration may regain athletic eligibility by returning the valuable consideration. If individuals return the valuable consideration within 30 days after they are informed of the rule violation, they regain their athletic eligibility when they return it. If they fail to return it within 30 days, they remain ineligible for one year from when they acceptedit. During the period of time from when students receive valuable consideration until they return it, they are ineligible for varsity athletic competition in the sport in which the violation occurred. Minimum penalty for participating in a contest while ineligible is forfeiture of the contest.
- did not change schools for athletic purposes.

I understand that failure to provide accurate and truthful information on UIL forms could subject the student in question to penalties determined by the UIL.		
I have read the regulations cited above and agree to follow the rules.		
Date Signature of student		

Student's Name: (print)		Sex	:	AgeDate of Birth		
Address						
GradeSc	hool					
Personal Physician				Phone		
In case of emergency, contact:						
NameRelationsh	ip		Phone	H)(W)		
plain "Yes" answers in the box below**. Circle questions yo	u don't know	the an	swers to.			
	Yes	No			Y	es
Have you had a medical illness or injury since your last che up or sports physical?	eck 🔲		13.	Have you ever gotten unexpectedly short of breath with exercise?	_	Ī
Have you been hospitalized overnight in the past year?				Do you have asthma?		
Have you ever had surgery?				Do you have seasonal allergies that require medical treatmen		
Have you ever had prior testing for the heart ordered by a physician? Have you ever passed out during or after exercise?			14.	Do you use any special protective or corrective equipment or devices that aren't usually used for your sport or position (for example, knee brace, special neck roll, foot orthotics, retaine	•	
Have you ever had chest pain during or after exercise?				on your teeth, hearing aid)?	ı	
Do you get tired more quickly than your friends do during			15.	Have you ever had a sprain, strain, or swelling after injury?		_
exercise?	_		13.	Have you broken or fractured any bones or dislocated any		
Have you ever had racing of your heart or skipped heartbea				joints?	_	_
Have you had high blood pressure or high cholesterol? Have you ever been told you have a heart murmur?				Have you had any other problems with pain or swelling in	[
Has any family member or relative died of heart problems of	or of \square			muscles, tendons, bones, or joints?		
sudden unexpected death before age 50?	01 01			If yes, check appropriate box and explain below:		
Has any family member been diagnosed with enlarged hea	rt,			□ Head □ Elbow □ Hip		
(dilated cardiomyopathy), hypertrophic cardiomyopathy, le	ong —	=		□ Neck □ Forearm □ Thigh	ı	
QT syndrome or other ion channelpathy (Brugada syndrom	-			□ Back □ Wrist □ Knee		
etc), Marfan's syndrome, or abnormal heart rhythm?				☐ Chest ☐ Hand ☐ Shin/	Calf	
Have you had a severe viral infection (for example,				☐ Shoulder ☐ Finger ☐ Ankl	9	
myocarditis or mononucleosis) within the last month? Has a physician ever denied or restricted your participation	in 🗖		16	☐ Upper Arm ☐ Foot		_
rias a physician ever defined of restricted your participation sports for any heart problems?	in 🗖		16. 17.	Do you want to weigh more or less than you do now? Do you feel stressed out?		
Have you ever had a head injury or concussion?			18.	Have you ever been diagnosed with or treated for sickle cel	1 [
Have you ever been knocked out, become unconscious, or your memory?	lost \square		Esmalas (trait or sickle cell disease?		
If yes, how many times? When was your last concussion?			Females C	en was your first menstrual period?en was your most recent menstrual period?		
How severe was each one? (Explain below)				w much time do you usually have from the start of one period t	n the cta	rt of
Have you ever had a seizure?				ther?	o inc sia	11 01
Do you have frequent or severe headaches?			Но	w many periods have you had in the last year?		
Have you ever had numbness or tingling in your arms, handlegs or feet?	ds,		Wl	at was the longest time between periods in the last year?		_
Have you ever had a stinger, burner, or pinched nerve?			Males Or	vian have two tastialas?		
Are you missing any paired organs?			21. De	you have any testicular swelling or masses?		
Are you under a doctor's care?						
Are you currently taking any prescription or non-prescripti- (over-the-counter) medication or pills or using an inhaler?	on \square			vidual answering in the affirmative to any question relating to a possible cardio		
Do you have any allergies (for example, to pollen, medicing food, or stinging insects)?	е, 🗆		,	uestion three above), as identified on the form, should be restricted from furthe e individual is examined and cleared by a physician, physician assistant, chirop oner.		
Have you ever been dizzy during or after exercise?		П	J. J. W. W.	J. A.D.I. (VEQ.) ANGWEDG DI THE DOV DELOW (:c	
Do you have any current skin problems (for example, itchir	ng,		**EX	LAIN 'YES' ANSWERS IN THE BOX BELOW (attach another sheet		ary):
rashes, acne, warts, fungus, or blisters)? Have you ever become ill from exercising in the heat?						
Have you had any problems with your eyes or vision?						
It is understood that even though protective equipment is worn b nor the school assumes any responsibility in case an accident occur		vheneve	er needed, the	possibility of an accident still remains. Neither the University Intersc	holastic I	eague
If, in the judgment of any representative of the school, the above	student should by any physic	cian, ath	letic trainer, 1	and treatment as a result of any injury or sickness, I do hereby reques urse or school representative. I do hereby agree to indemnify and sa and treatment of said student.		
• • •				y limit this student's participation, I agree to notify the school authorities	s of such	
subject the student in question to penalties determined	by the UIL			complete and correct. Failure to provide truthful respons	es could	l
Student Signature: Any Yes answer to questions 1, 2, 3, 4, 5, or 6 requires further.	Parent/Guar medical evalua			Date:	vsician	
• • • • • •	any participa	tion in	UIL practice	, games or matches. THIS FORM MUST BE ON FILE PRIOR TO		
School Use Only:		-, -				
This Medical History Form was reviewed by: Printed Nan	1e			Date Signature		

PREPARTICIPATION PHYSICAL EVALUATION -- PHYSICAL EXAMINATION Student's Name _____ Sex ____ Age ____ Date of Birth___ Height _____ Weight____ % Body fat (optional) _____ Pulse ____ BP___/__(__/__, __/__) brachial blood pressure while sitting Vision: R 20/____ L 20/___ Corrected: □ Y □ N Pupils: □ Equal □ Unequal As a minimum requirement, this Physical Examination Form must be completed prior to junior high athletic participation and again prior to first and third years of high school athletic participation. It must be completed if there are yes answers to specific questions on the student's MEDICAL HISTORY FORM on the reverse side. * Local district policy may require an annual physical exam. NORMAL ABNORMAL FINDINGS **MEDICAL** Appearance Eyes/Ears/Nose/Throat Lymph Nodes Heart-Auscultation of the heart in the supine position. Heart-Auscultation of the heart in the standing position. Heart-Lower extremity pulses Pulses Lungs Abdomen Genitalia (males only) Skin Marfan's stigmata (arachnodactyly, pectus excavatum, joint hypermobility, scoliosis) MUSCULOSKELETAL Neck Back Shoulder/Arm Elbow/Forearm Wrist/Hand Hip/Thigh Knee Leg/Ankle Foot *station-based examination only **CLEARANCE** □ Cleared ☐ Cleared after completing evaluation/rehabilitation for: □ Not cleared for: Reason: Recommendations: The following information must be filled in and signed by either a Physician, a Physician Assistant licensed by a State Board of Physician Assistant Examiners, a Registered Nurse recognized as an Advanced Practice Nurse by the Board of Nurse Examiners, or a Doctor of Chiropractic. Examination forms signed by any other health care practitioner, will not be accepted. Name (print/type) ______ Date of Examination: _____ Address: _____ Phone Number:

Must be completed before a student participates in any practice, before, during or after school, (both in-season and out-of-season) or games/matches.

Student Athlete Emergency Information Card

Name:	Date of Birth:
Primary Guardian/Guardians:	
Primary Guardian/Guardians #:	
Friend or relative who will assume temporary	care of your child if you cannot be reached:
1. Name: Numb	per:
List any Medical conditions your child may hav	'e:
List any Medications we are allowed to admini	
	지 않았다 "한다면 현미에도 도마. • '이 BEE' - "아이라이트 (BEE')
Insurance information	
Name of Insurance or Company:	
Policy#Group	일이 마양하는 그러워 하게 없어 주었어요?
Name of primary person insured:	
Medical Authorization	
guardian authorizes a representative of River Rosurgical diagnosis or treatment and hospital care physician or surgeon, whether in his office or in advance of any required care to empower a represent a treatment as the physician may deem need to be a such a treatment as the physician may deem need to be a such a treatment as the physician may deem need to be a such a treatment as the physician may deem need to be a such a treatment as the physician may deem need to be a such a suc	resentative or official of the school to give consent for
Signature of Guardian	
	Date:

Athletic Trainer Parent/Guardian Consent Form

Student's Name:
Student's Date of Birth:
Student's Address:
I, as parent or guardian of the student identified above, hereby grant permission to any athletic
trainer on site at any school sanctioned sports practice or competition to provide such treatment within the scope of professional services authorized for such athletic trainer as deemed necessary
for a physical condition arising during or affecting participation in such event.
I also grant permission to release medical information to the school, to the trainer and to any
subsequent physician of other provider as necessary for treatment of the student identified herein
This authorization to release medical information does not encompass release of any information
to the media or to any university or school except that is which the above named student is
enrolled.
I acknowledge and agree that any such abletic transcring use his or her own judgment in securing medical aid, medication administration ambulance and other emergency services as a
result of any injury during participation in a school sanctioned event il specifically consent and
agree that the above referenced trainer may provide preventative care and treatment of athletic
injuries and rehabilitation and reconditioning of athletic injuries.
By signing below, I agree and acknowledge that no athlene trainer assumes responsibility and is
not liable for any accident or an unit with that may occur during the student's participation in an
athletic event. I understand that the albletic trainer is not involved in the school athletic program
other than providing the services noted herein.
Parent/Guardian Name:
raien/Ouardian Ivame.
Parent/Guardian Signature w/ DATE:
Taloni Guardian Dighataro W. D. 111.
Medications that are allowed to be administered to my student athlete:
Contact Number:

River Road ISD - Student Athletic Insurance Information

Stude	ent Name: DOB:	
Stude	ent Cell/Preferred Contact #:	-
Stude	nt preferred email address:	
Grade	e Next School Year:	
Prima	ry Guardian: Prim. Guardian #:	
Prima	ry Guardian email:	
	Insurance Explanation	
1. 2. 3. 4. 5. 6.	When an athletic injury occurs that warrants a physician's attential arrangements to submit an insurance form. After reading, verifying, and/or completing the form, they should The insurance form should be submitted to the Physician to be fixed Any bills, forms, receipts, and the insurance form should be dupled records. Upon completion of the above, a copy should be submitted to the NOTE: THE SCHOOL'S ATHLETIC INSURANCE IS SECONDATED. ALL BILLS WITH YOUR PRIMARY HEALTH AND ACCIDENT CHARGES ARE ALLOWABLE ON THIS INSURANCE: THERE HAVE OTHER INSURANCE COVERAGE ON YOUR CHILD. After receiving a notice of payment, denials, or any corresponder itemized bills to the school's insurance provider. All injuries must be treated within 30 days from the injury date. The claim form must be furnished to the insurance company with	sign and date. iled licated and retained for your e school to assist in the filing. ARY. YOU MUST FIRST FILE INSURANCE. NOT ALL EFORE, IT IS ADVISABLE TO
covered ncurred Warning catastrop could be	nool does not receive not is in any way responsible for late, overdue, delir by the school's insurance coverage. The parent, athlete, or guardians ar as a result of an accident, illness, or injury to their student athlete. g: It is understood that even though the protective equipment is worn by a phic injury may occur while the athlete practices, travels, and competes in severe and disabling, including brain, or neck injury, paralysis, or death. It is responsibility in case an accident occurs.	re responsible for any and all bills athletes, the possibility that a a sport remains, and this injury
Prima	ry Guardian Signature:	Date:
Studo	nt Athlete Signaturo:	Data





University Interscholastic League

Parent and Student Agreement/Acknowledgement Form Anabolic Steroid Use and Random Steroid Testing

- Texas state law prohibits possessing, dispensing, delivering or administering a steroid in a manner not allowed by state law.
- Texas state law also provides that body building, muscle enhancement or the increase in muscle bulk or strength through the use of a steroid by a person who is in good health is not a valid medical purpose.
- Texas state law requires that only a licensed practitioner with prescriptive authority may prescribe a steroid for a person.
- Any violation of state law concerning steroids is a criminal offense punishable by confinement in jail or imprisonment in the Texas Department of Criminal Justice.

STUDENT ACKNOWLEDGEMENT AND AGREEMENT

Relationship to student:

School Year (to be completed annually)

As a prerequisite to participation in UIL athletic activities, I agree that I will not use anabolic steroids as defined in the UIL Anabolic Steroid Testing Program Protocol. I have read this form and understand that I may be asked to submit to testing for the presence of anabolic steroids in my body, and I do hereby agree to submit to such testing and analysis by a certified laboratory. I further understand and agree that the results of the steroid testing may be provided to certain individuals in my high school as specified in the UIL Anabolic Steroid Testing Program Protocol which is available on the UIL website at www.uiltexas.org. I understand and agree that the results of steroid testing will be held confidential to the extent required by law. I understand that failure to provide accurate and truthful information could subject me to penalties as determined by UIL.

Student Name (Print): _____ Grade (9-12) _____

Student Signature:	Date:
PARENT/GUARDIAN CERTIFICATION AND ACKNO	DWLEDGEMENT
have read this form and understand that my student asked to submit to testing for the presence of analysubmit my child to such testing and analysis by a centhe results of the steroid testing may be provided to specified in the UIL Anabolic Steroid Testing Prograwww.uiltexas.org. I understand and agree that the results are the steroid testing Prograwww.uiltexas.org.	e to provide accurate and truthful information could
Name (Print):	
Signature: Date	:

CONCUSSION ACKNOWLEDGEMENT FORM

Name of Student	
J	

Definition of Concussion - means a complex pathophysiological process affecting the brain caused by a traumatic physical force or impact to the head or body, which may: (A) include temporary or prolonged altered brain function resulting in physical, cognitive, or emotional symptoms or altered sleep patterns; and (B) involve loss of consciousness.

Prevention – Teach and practice safe play & proper technique.

- Follow the rules of play.
- Make sure the required protective equipment is worn for all practices and games.
- Protective equipment must fit properly and be inspected on a regular basis.

Signs and Symptoms of Concussion – The signs and symptoms of concussion may include but are not limited to: Headache, appears to be dazed or stunned, tinnitus (ringing in the ears), fatigue, slurred speech, nausea or vomiting, dizziness, loss of balance, blurry vision, sensitive to light or noise, feel foggy or groggy, memory loss, or confusion.

Oversight - Each district shall appoint and approve a Concussion Oversight Team (COT). The COT shall include at least one physician and an athletic trainer if one is employed by the school district. Other members may include: Advanced Practice Nurse, neuropsychologist or a physician's assistant. The COT is charged with developing the Return to Play protocol based on peer reviewed scientific evidence.

Treatment of Concussion - The student-athlete/cheerleader shall be removed from practice or participation immediately if suspected to have sustained a concussion. Every student-athlete/cheerleader suspected of sustaining a concussion shall be seen by a physician before they may return to athletic or cheerleading participation. The treatment for concussion is cognitive rest. Students should limit external stimulation such as watching television, playing video games, sending text messages, use of computer, and bright lights. When all signs and symptoms of concussion have cleared and the student has received written clearance from a physician, the student-athlete/cheerleader may begin their district's Return to Play protocol as determined by the Concussion Oversight Team.

Return to Play - According to the Texas Education Code, Section 38.157:

A student removed from an interscholastic athletics practice or competition (including per UIL rule, cheerleading) under Section 38.156 may not be permitted to practice or participate again following the force or impact believed to have caused the concussion until:

- (1) the student has been evaluated, using established medical protocols based on peer-reviewed scientific evidence, by a treating physician chosen by the student or the student 's parent or guardian or another person with legal authority to make medical decisions for the student;
- (2) the student has successfully completed each requirement of the return-to-play protocol established under Section 38.153 necessary for the student to return to play;
- (3) the treating physician has provided a written statement indicating that, in the physician 's professional judgment, it is safe for the student to return to play; and
- (4) the student and the student 's parent or guardian or another person with legal authority to make medical decisions for the student:
- (A) have acknowledged that the student has completed the requirements of the return-to-play protocol necessary for the student to return to play;
- (B) have provided the treating physician 's written statement under Subdivision (3) to the person responsible for compliance with the return-to-play protocol under Subsection (c) and the person who has supervisory responsibilities under Subsection (c); and
- (C) have signed a consent form indicating that the person signing:
- (i) has been informed concerning and consents to the student participating in returning to play in accordance with the return-toplay protocol;
- (ii) understands the risks associated with the student returning to play and will comply with any ongoing requirements in the return-to-play protocol;
- (iii) consents to the disclosure to appropriate persons, consistent with the Health Insurance Portability and Accountability Act of 1996 (Pub. L. No. 104-191), of the treating physician 's written statement under Subdivision (3) and, if any, the return-to-play recommendations of the treating physician; and (iv) understands the immunity provisions under Section 38.159.

Parent or Guardian Signature	Date
Student Signature	



SUDDEN CARDIAC ARREST (SCA AWARENESS FORM

The Basic Facts on Sudden Cardiac Arrest

Website Resources:

American Heart Association: www.heart.org

Lead Author: Arnold Fenrich, MD and Benjamin Levine, MD

Additional Reviewers: UIL Medical Advisory Committee

What is Sudden Cardiac Arrest?

- Occurs suddenly and often without warning.
- An electrical malfunction (short-circuit) causes the bottom chambers of the heart (ventricles) to beat dangerously fast (ventricular tachycardia or fibrillation) and disrupts the pumping ability of the heart.
- The heart cannot pump blood to the brain, lungs and other organs of the body.
- > The person loses consciousness (passes out) and has no pulse.
- Death occurs within minutes if not treated immediately.

What causes Sudden Cardiac Arrest?

Inherited (passed on from family) conditions present at birth of the heart muscle:

hypertrophic Cardiomyopathy – hypertrophy (thickening) of the left ventricle; the most common cause of sudden cardiac arrest in athletes in the U.S.

Arrhythmogenic Right Ventricular Cardiomyopathy – replacement of part of the right ventricle by fat and scar; the most common cause of sudden cardiac arrest in Italy.

Marfan Syndrome - a disorder of the structure of blood vessels that makes them prone to rupture; often associated with very long arms and unusually flexible joints.

Inherited conditions present at birth of the electrical system:

Long QT Syndrome – abnormality in the ion channels (electrical system) of

Catecholaminergic Polymorphic Ventricular Tachycardia and

Brugada Syndrome – other types of electrical abnormalities that are rare but run in families.

NonInherited (not passed on from the family, but still present at birth) conditions:

Coronary Artery Abnormalities –

abnormality of the blood vessels that supply blood to the heart muscle. This is the second most common cause of sudden cardiac arrest in athletes in the U.S.

Aortic valve abnormalities – failure of the aortic valve (the valve between the heart and the aorta) to develop properly; usually causes a loud heart murmur

Non-compaction Cardiomyopathy – a condition where the heart muscle does not develop normally.

does not develop normally.

Wolff-Parkinson-White Syndrome –
an extra conducting fiber is present in
the heart's electrical system and can

Conditions not present at birth but acquired later in life:

increase the risk of arrhythmias.

Commotio Cordis – concussion of the heart that can occur from being hit in the chest by a ball, puck, or fist.

Myocarditis – infection or inflammation of the heart, usually caused by a virus.

Recreational/Performance-Enhancing drug use.

Idiopathic: Sometimes the underlying cause of the Sudden Cardiac Arrest is unknown, even after autopsy.

What are the symptoms/warning signs of Sudden Cardiac Arrest?

- Fainting/blackouts (especially during exercise)
- Dizziness
- Unusual fatigue/weakness
- Chest pain
- Shortness of breath
- Nausea/vomiting
- Palpitations (heart is beating unusually fast or skipping beats)
- Family history of sudden cardiac arrest at age < 50

ANY of these symptoms and warning signs that occur while exercising may necessitate further evaluation from your physician before returning to practice or a game.

What is the treatment for Sudden Cardiac Arrest?

Time is critical and an immediate response is vital.

- CALL 911
- Begin CPR
- > Use an Automated External Defibrillator (AED)

What are ways to screen for Sudden Cardiac Arrest?

The American Heart Association recommends a pre-participation history and physical including 14 important cardiac elements.

The UIL <u>Pre-Participation Physical Evaluation – Medical History</u> form includes ALL 14 of these important cardiac elements and is mandatory annually.

What are the current recommendations for screening young athletes?

The University Interscholastic League requires use of the specific Preparticipation Medical History form on a yearly basis. This process begins with the parents and student-athletes answering questions about symptoms during exercise (such as chest pain, dizziness, fainting, palpitations or shortness of breath); and questions about family health history.

It is important to know if any family member died suddenly during physical activity or during a seizure. It is also important to know if anyone in the family under the age of 50 had an unexplained sudden death such as drowning or car accidents. This information must be provided annually because it is essential to identify those at risk for sudden cardiac death.

The University Interscholastic League requires the Preparticipation Physical Examination form prior to junior high athletic participation and again prior to the 1st and 3rd years of high school participation. The required physical exam includes measurement of blood pressure and a careful listening examination of the heart, especially for murmurs and rhythm abnormalities. If there are no warning signs reported on the health history and no abnormalities discovered on exam, no additional evaluation or testing is recommended for cardiac issues/concerns.

Are there additional options available to screen for cardiac conditions?

additional screening. guardian as well as unnecessary echocardiogram (Echo) is readily electrocardiogram (ECG) and/or an conditions will be identified by negatives", since not all cardiac restriction from athletic participation. stress for the student and parent or positives", which leads to unnecessary American College of Cardiology (ACC) recommended by either the American personal physicians, but is not Limitations of additional screening Heart Association (AHA) or the mandatory, and is generally not available to all athletes from their Additional screening using an There is also a possibility of "false include the possibility ($\sim\!10\%$) of "false

When should a student athlete see a heart specialist?

If a qualified examiner has concerns, a referral to a child heart specialist, a pediatric cardiologist, is recommended. This specialist may perform a more thorough evaluation, including an electrocardiogram (ECG), which is a graph of the electrical activity of the heart. An echocardiogram, which is an ultrasound test to allow for direct visualization of the heart structure, may also order a treadmill exercise test and/or a monitor to enable a longer recording of the heart rhythm. None of the testing is invasive or uncomfortable.

Can Sudden Cardiac Arrest be prevented just through proper screening?

A proper evaluation (Preparticipation Physical Evaluation – Medical History) should find many, but not all, conditions that could cause sudden death in the athlete. This is because some diseases are difficult to uncover and may only develop later in life. Others can develop following a normal screening evaluation, such as an infection of the heart muscle from a virus. This is why a medical history and a review of the family health history need to be performed on a yearly basis. With proper screening and evaluation, most cases can be identified and prevented.

Why have an AED on site during sporting events

The only effective treatment for ventricular fibrillation is immediate use of an automated external defibrillator (AED). An AED can restore the heart back into a normal rhythm. An AED is also life-saving for ventricular fibrillation caused by a blow to the chest over the heart (commotio cordis).

Date

Texas Senate Bill 7 requires that at any school sponsored athletic event or team practice in Texas public high schools the following must be available:

- An AED is in an unlocked location on school property within a reasonable proximity to the athletic field or gymnasium
- All coaches, athletic trainers, PE teacher, nurses, band directors and cheerleader sponsors are certified in cardiopulmonary resuscitation (CPR) and the use of the AED.

Each school has a developed safety procedure to respond to a medical emergency involving a cardiac arrest.

The American Academy of Pediatrics recommends the AED should be placed in a central location that is accessible and ideally no more than a 1 to 1 1/2 minute walk from any location and that a call is made to activate 911 emergency system while the AED is being retrieved

Student & Parent/Guardian Signatures

I certify that I have read and understand the above information.

Parent/Guardian Signature

Parent/Guardian Name (Print)

Student Signature

Student Name (Print)

Date