

School Sports Pre-Participation Examination June 2005

NAME: _____ **BIRTHDATE:** _____ / _____ / _____

ADDRESS: _____ **PHONE:** (_____) _____

Athlete and Parent/Guardian: Please review all questions and answer them to the best of your ability.

Physician: Please review with the athlete details of any positive answers.

YES	NO	Don't Know	
_____	_____	_____	1. Has anyone in the athlete's family died suddenly before the age of 50 years?
_____	_____	_____	2. Has the athlete ever passed out during exercise or stopped exercising because of dizziness or chest pain?
_____	_____	_____	3. Does the athlete have asthma (wheezing), hay fever, or coughing spells during or after exercise?
_____	_____	_____	4. Has the athlete ever broken a bone, had to wear a cast, or had an injury to any joint?
_____	_____	_____	5. Does the athlete have a history of a concussion (getting knocked out) or seizures?
_____	_____	_____	6. Has the athlete ever suffered a heat-related illness (heat stroke)?
_____	_____	_____	7. Does the athlete have a chronic illness or see a physician regularly for any particular problem?
_____	_____	_____	8. Does the athlete take any prescribed medicine, herbs or nutritional supplements?
_____	_____	_____	9. Is the athlete allergic to any medications or bee stings?
_____	_____	_____	10. Does the athlete have only one of any paired organ (eyes, ears, kidneys, testicles, ovaries, etc.)?
_____	_____	_____	11. Has the athlete ever had prior limitation from sports participation?
_____	_____	_____	12. Has the athlete had any episodes of shortness of breath, palpitations, history of rheumatic fever or unusual fatigability?
_____	_____	_____	13. Has the athlete ever been diagnosed with a heart murmur or heart condition or hypertension?
_____	_____	_____	14. Is there a history of young people in the athlete's family who have had congenital or other heart disease: cardiomyopath, abnormal heart rhythms, long QT or Marfan's syndrome? (You may write "I don't understand these terms" and initial this item, if appropriate.)
_____	_____	_____	15. Has the athlete ever been hospitalized overnight or had surgery?
_____	_____	_____	16. Does the athlete lose weight regularly to meet the requirements for your sport?
_____	_____	_____	17. Does the athlete have anything he or she wants to discuss with the physician?
_____	_____	_____	18. Does the athlete cough, wheeze, or have trouble breathing during or after activity?
_____	_____	_____	19. Does the athlete have asthma?
			20. FEMALES ONLY
			a. When was your first menstrual period? _____
			b. When was your most recent menstrual period? _____
			c. What was the longest time between menstrual periods in the last year? _____

(Explain any YES answers on back.)

Parent/Guardian's Statement:

I have reviewed and answered the questions above to the best of my ability. I and my child understand and accept that there are risks of serious injury and death in any sport, including the one(s) in which my child has chosen to participate. I hereby give permission for my child to participate in sports / activities.

I hereby authorize emergency medical treatment and/or transportation to a medical facility for any injury or illness deemed urgently necessary by a licensed athletic trainer, coach, or medical practitioner.

I understand that this sports pre-participation physical examination is not designed nor intended to substitute for any recommended regular comprehensive health assessment.

I hereby authorize release of these examination results to my child's school.

Signed: _____ **Date:** _____
Parent/Guardian

As per ORS 336.479, Section 1 (3) "A school district shall require students who continue to participate in extracurricular sports in grades 7 through 12 to have a physical examination once every two years." Section 1(5) "Any physical examination required by this section shall be conducted by a (a) physician possessing an unrestricted license to practice medicine; (b) licensed naturopathic physician; (c) licensed physician assistant; (d) certified nurse practitioner; or a (e) licensed chiropractic physician who has clinical training and experience in detecting cardiopulmonary diseases and defects."

SUGGESTED EXAM PROTOCOL FOR THE PHYSICIAN

□ MUSCULOSKELETAL

Have patient:

1. Stand facing examiner
2. Look at ceiling, floor, over shoulders, touch ears to shoulders
3. Shrug shoulders (against resistance)
4. Abduct shoulders 90 degrees, hold against resistance
5. Externally rotate arms fully
6. Flex and extend elbows
7. Arms at sides, elbows 90 degrees flexed, pronate/supinate wrists
8. Spread fingers, make fist
9. Contract quadriceps, relax quadriceps
10. "Duck walk" 4 steps away from examiner
11. Stand with back to examiner
12. Knees straight, touch toes
13. Rise up on heels, then toes

To check for:

- AC joints, general habitus
- Cervical spine motion
- Trapezius strength
- Deltoid strength
- Shoulder motion
- Elbow motion
- Elbow and wrist motion
- Hand and finger motion, deformities
- Symmetry and knee/ankle effusion
- Hip, knee and ankle motion
- Shoulder symmetry, scoliosis
- Scoliosis, hip motion, hamstrings
- Calf symmetry, leg strength

□ **MURMUR EVALUATION** - Auscultation should be performed sitting, supine and squatting in a quiet room using the diaphragm and bell of a stethoscope.

Auscultation finding of:

1. S1 heard easily; not holosystolic, soft, low-pitched
2. Normal S2
3. No ejection or mid-systolic click
4. Continuous diastolic murmur absent
5. No early diastolic murmur
6. Normal femoral pulses
(Equivalent to brachial pulses in strength and arrival)

Rules out:

- VSD and mitral regurgitation
- Tetralogy, ASD and pulmonary hypertension
- Aortic stenosis and pulmonary stenosis
- Patent ductus arteriosus
- Aortic insufficiency
- Coarctation

□ **MARFAN'S SCREEN** - Screen all men over 6'0" and all women over 5'10" in height with Echocardiogram and slit lamp exam when any two of the following are found:

1. Family history of Marfan's syndrome (this finding alone should prompt further investigation)
2. Cardiac murmur or mid-systolic click
3. Kyphoscoliosis
4. Anterior thoracic deformity
5. Arm span greater than height
6. Upper to lower body ratio more than 1 SD below mean
7. Myopia
8. Ectopic lens