

581-021-0041

## Form and Protocol for Sports Physical Examinations

The State Board of Education adopts by reference the form entitled "School Sports Pre-Participation Examination May 2010" that must be used to document the physical examination and sets out the protocol for conducting the physical examination. Medical providers conducting physicals on or after June 30, 2010 must use the form dated May 2010.

Stat. Auth: ORS 326-051

Stats. Implemented: ORS 336.479

Hist.: ODE 24-2002, f. & cert. ef. 11-15-02; ODE 29-2004(Temp), f. & cert. ef. 9-15-04 thru 2-25-05; ODE 4-2005, f. & cert. ef. 2-14-05

# School Sports Pre-Participation Examination – Part 1: Student or Parent Completes

Revised May 2010

NAME: \_\_\_\_\_

BIRTHDATE: / /

ADDRESS: \_\_\_\_\_

PHONE: ( ) \_\_\_\_\_

**Athlete and Parent/Guardian:** Please review all questions and answer them to the best of your ability. Explain any YES answers on back.

**Medical Provider:** 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, other allergies, or carry an EPI pen?
_____	_____	_____	4. Is the athlete allergic to any medications or bee stings?
_____	_____	_____	5. Has the athlete ever broken a bone, had to wear a cast, or had an injury to any joint?
_____	_____	_____	6. Has the athlete ever had a head injury or concussion?
_____	_____	_____	7. Has the athlete ever had a hit or blow to the head that caused confusion, memory problems, or prolonged headache?
_____	_____	_____	8. Has the athlete ever suffered a heat-related illness (heat stroke)?
_____	_____	_____	9. Does the athlete have a chronic illness or see a physician regularly for any particular problem?
_____	_____	_____	10. Does the athlete take any prescribed medicine, herbs or nutritional supplements?
_____	_____	_____	11. Does the athlete have only one of any paired organ (eyes, kidneys, testicles, ovaries, etc.)?
_____	_____	_____	12. Has the athlete ever had prior limitation from sports participation?
_____	_____	_____	13. Has the athlete had any episodes of shortness of breath, palpitations, history of rheumatic fever or tiring easily?
_____	_____	_____	14. Has the athlete ever been diagnosed with a heart murmur or heart condition or hypertension?
_____	_____	_____	15. Is there a history of young people in the athlete's family who have had congenital or other heart disease: cardiomyopathy, abnormal heart rhythms, long QT or Marfan's syndrome? (You may write "I don't understand these terms" and initial this item, if appropriate.)
_____	_____	_____	16. Has the athlete ever been hospitalized overnight or had surgery?
_____	_____	_____	17. Does the athlete lose weight regularly to meet the requirements for your sport?
_____	_____	_____	18. Does the athlete have anything he or she wants to discuss with the physician?
_____	_____	_____	19. Does the athlete cough, wheeze, or have trouble breathing during or after activity?
_____	_____	_____	20. Are you unhappy with your weight?
			21. 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? _____

**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 registered 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

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."

# School Sports Pre-Participation Examination – Part 2 Medical Provider Completes

NAME: _____	BIRTHDATE: ____/____/____
Height: _____ Weight: _____ % Body Fat (optional): _____ Pulse: _____	BP: ____/____ (____/____, ____/____)
Vision: R 20/____ L 20/____ Corrected: Y N Pupils: Equal ____ Unequal ____	Rhythm: Regular ____ Irregular ____

MEDICAL	NORMAL	ABNORMAL FINDINGS	INITIALS*
Appearance			
Eyes/Ears/Nose/Throat			
Lymph Nodes			
Heart: Pericardial activity			
1st & 2nd heart sounds			
Murmurs			
Pulses: brachial/femoral			
Lungs			
Abdomen			
Skin			

**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: \_\_\_\_\_

Name of Medical Provider (print/type): \_\_\_\_\_ Date: \_\_\_\_/\_\_\_\_/\_\_\_\_  
 Address: \_\_\_\_\_ Phone: (\_\_\_\_) \_\_\_\_\_  
 Signature of Medical Provider: \_\_\_\_\_

*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 squaring 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 standard deviation below mean
7. Myopia
8. Ectopic lens

**CONCUSSION** -- When can an athlete return to play after a concussion?

After suffering a concussion, no athlete should return to play or practice on the same day. Previously, athletes were allowed to return to play if their symptoms resolved within 15 minutes of the injury. Studies have shown that the young brain does not recover that quickly, thus the Oregon Legislature has established a rule that no player shall return to play following a concussion on that same day and the athlete must be cleared by an appropriate health care professional before they are allowed to return to play or practice.

Once an athlete is cleared to return to play they should proceed with activity in a stepwise fashion to allow their brain to readjust to exertion. The athlete may complete a new step each day. The return to play schedule should proceed as below following medical clearance:

- Step 1: Light exercise, including walking or riding an exercise bike. No weightlifting. Step
- 2: Running in the gym or on the field. No helmet or other equipment.
- Step 3: Non-contact training drills in full equipment. Weight training can begin.
- Step 4: Full contact practice or training.
- Step 5: Game play.

If symptoms occur at any step, the athlete should cease activity and be re-evaluated by a health care provider.

*Last Revised May 2010*

