The preparticipation physical evaluation is a commonly requested medical visit for amateur and professional athletes of all ages. The overarching goal is to maximize the health of athletes and their safe participation in sports. Although studies have not found that the preparticipation physical evaluation prevents morbidity and mortality associated with sports, it may detect conditions that predispose the athlete to injury or illness and can provide strategies to prevent injuries. Clearance depends on the outcome of the evaluation and the type of sport (and sometimes position or event) in which the athlete participates. All persons undergoing a preparticipation physical evaluation should be questioned about exertional symptoms, presence of a heart murmur, symptoms of Marfan syndrome, and family history of premature serious cardiac conditions or sudden death. The physical examination should focus on the cardiovascular and musculoskeletal systems. U.S. medical and athletic organizations discourage screening electrocardiography and blood and urine testing in asymptomatic patients. Further evaluation should be considered for persons with heart or lung disease, bleeding disorders, musculoskeletal problems, history of concussion, or other neurologic disorders. (Am Fam Physician. 2015;92(5):371-376. Copyright © 2015 American Academy of Family Physicians.)

Approximately 30 million athletes younger than 18 years and another 3 million athletes with special needs receive medical clearance to participate in sports every year.¹ The purpose of the preparticipation physical evaluation (PPE) is to maximize the health of athletes and their safe participation in sports. The most comprehensive guideline on the PPE is the 4th edition of the American Academy of Pediatrics’ PPE recommendations, which contains consensus recommendations and has been endorsed by multiple stakeholder medical societies.² Although studies have not found that the PPE prevents morbidity and mortality associated with sports participation,² it may detect conditions that predispose the athlete to injury or illness and can provide strategies to prevent injuries.³

Ideally, the athlete’s personal physician should provide the PPE in a medical home where patients are comfortable discussing sensitive information and where past medical records are available. Alternate models include mass participation screenings and PPEs conducted by a team physician at a student health, outpatient, or athletic facility. Mass screenings are not ideal, given the unavailability of parents and previous medical records, and decreased continuity of care. Supervision of mass screenings by a designated primary care physician can improve this process by ensuring that all results are reviewed and by coordinating follow-up when necessary. PPEs should occur approximately six weeks before activity to allow for further evaluation, treatment, or rehabilitation as needed.⁴ Consensus guidelines recommend yearly PPEs⁵; however, the optimal interval is uncertain, and local regulatory agencies may require more or less frequent PPEs for athletic participation.⁶

General Principles
The examining physician should determine clearance for participation in coordination with specialists or team physicians. Clearance depends on the outcome of the evaluation and the type of sport (and sometimes position or event) in which the athlete wishes to participate. Most healthy athletes will receive unrestricted clearance to play any sport. An athlete may be provisionally cleared pending successful completion of a specified treatment, test, or rehabilitation program.

For athletes restricted from certain sports, guidance should be provided based on the general category of the sport. Sports may be classified as collision, contact, or noncontact activities or classified based on physical intensity (Figure 1).⁶ The risk of injury...
depends on the following variables: speed, force of impact, height, and unpredictability of both the actions of the sport and conditions. Even persons with serious medical illness may be able to participate in nonstrenuous or noncontact activities. Rarely, athletes may be disqualified completely from participation (Table 1). A 2012 study found that 5.5% of adolescents were deemed ineligible for sports. eFigures A through D outline a standardized approach to components of the PPE, including a supplemental history form that can be used for athletes who have special needs.

**History**

A thorough history is critical to identify athletes with underlying medical conditions that may interfere with participation in sports. The history alone may uncover 88% of medical conditions and 67% of musculoskeletal problems during the PPE. Particular attention should be given to the personal and family cardiac histories (Table 2). Ideally, a parent or guardian should be present at the PPE to provide historical details for athletes younger than 18 years.

All persons undergoing a PPE should be questioned about exertional symptoms, the presence of a heart murmur, symptoms of Marfan syndrome, and family history of premature serious cardiac conditions or sudden death. Athletes with sustained systolic blood pressure of less than 160 mm Hg and diastolic blood pressure of less than 100 mm Hg should not be restricted from playing sports. Athletes with well-controlled asthma who are asymptomatic at rest and with exertion can be safely cleared to play sports. Screening blood and urine tests are not recommended for asymptomatic athletes. Preparticipation physical evaluations should occur approximately six weeks before activity to allow for further evaluation, treatment, or rehabilitation as needed.

---

**SORT: KEY RECOMMENDATIONS FOR PRACTICE**

<table>
<thead>
<tr>
<th>Clinical recommendation</th>
<th>Evidence rating</th>
<th>References</th>
</tr>
</thead>
<tbody>
<tr>
<td>Preparticipation physical evaluations should occur approximately six weeks before activity to allow for further evaluation, treatment, or rehabilitation as needed.</td>
<td>C</td>
<td>4</td>
</tr>
<tr>
<td>All persons undergoing preparticipation physical evaluations should be questioned about exertional symptoms, the presence of a heart murmur, symptoms of Marfan syndrome, and family history of premature serious cardiac conditions or sudden death.</td>
<td>C</td>
<td>13, 16</td>
</tr>
<tr>
<td>Athletes with sustained systolic blood pressure of less than 160 mm Hg and diastolic blood pressure of less than 100 mm Hg should not be restricted from playing sports.</td>
<td>C</td>
<td>25</td>
</tr>
<tr>
<td>Athletes with well-controlled asthma who are asymptomatic at rest and with exertion can be safely cleared to play sports.</td>
<td>C</td>
<td>26</td>
</tr>
<tr>
<td>Screening blood and urine tests are not recommended for asymptomatic athletes.</td>
<td>C</td>
<td>37</td>
</tr>
</tbody>
</table>

_A = consistent, good-quality patient-oriented evidence; B = inconsistent or limited-quality patient-oriented evidence; C = consensus, disease-oriented evidence, usual practice, expert opinion, or case series. For information about the SORT evidence rating system, go to http://www.aafp.org/afpsort._

---

**Classification of Sports by Physical Intensity**

<table>
<thead>
<tr>
<th>Increasing static component</th>
<th>Increasing dynamic component</th>
</tr>
</thead>
<tbody>
<tr>
<td>I. Low (&lt; 20% MVC)</td>
<td>A. Low (&lt; 40% maximal O₂)</td>
</tr>
<tr>
<td>II. Moderate (20% to 50% MVC)</td>
<td>B. Moderate (40% to 70% maximal O₂)</td>
</tr>
<tr>
<td>III. High (&gt; 50% MVC)</td>
<td>C. High (&gt; 70% maximal O₂)</td>
</tr>
</tbody>
</table>

---

*—Danger of bodily collision.
†—Increased risk if syncope occurs.

**Figure 1. Classification of sports by physical intensity. (MVC = maximal voluntary contraction.)**

using the American Heart Association’s (AHA’s) recommended inquiries about exertional symptoms, the presence of a heart murmur, symptoms of Marfan syndrome, and a family history of premature serious cardiac conditions or sudden death. Other inquiries about potentially life-threatening or disqualifying illnesses include a history or symptoms compatible with spinal and brachial plexus injuries, concussion, hematologic disorders, loss of paired organs, asthma or exercise-induced bronchospasm, neurologic disorders, heat illness, and musculoskeletal injuries.

**Physical Examination**

At minimum, the physical examination should include assessment of vital signs, vision, hearing, and the cardiovascular and musculoskeletal systems. The most common abnormal PPE findings are elevated blood pressure and vision problems. Genital examination is not recommended in females but may be indicated in males with symptoms or a history of genitourinary problems. Although a brief standardized orthopedic screening is adequate in asymptomatic athletes (see http://www.aafp.org/afp/2000/0501/p2696.html), a more focused physical examination is necessary in persons with a history of musculoskeletal injury.

**Special Considerations**

**CARDIOVASCULAR DISEASE**

The 36th Bethesda guidelines, a consensus statement published by the American College of Cardiology (ACC) and the AHA, include recommendations about eligibility based on the physical strenuousness of the sport for competitive athletes who have previously diagnosed cardiac conditions. For example, the guidelines permit persons with known hypertrophic cardiomyopathy to
participate in low-intensity activities, but recommend exclusion from most strenuous activities.12

Screening asymptomatic athletes for previously undetected heart conditions, such as hypertrophic cardiomyopathy or arrhythmogenic right ventricular dysplasia, is recommended by the ACC/AHA guidelines, but the optimal protocol and overall effectiveness are controversial.13-15 As currently used, the PPE has not been successful in decreasing rates of sudden cardiac death during sports in young athletes.16,17 Screening electrocardiography (ECG) and echocardiography may increase sensitivity for detection of undiagnosed cardiac disease,18 but accurate interpretation can be challenging and may result in false-positive findings when performed by clinicians who are less experienced in distinguishing athletic heart adaptations from cardiomyopathy.19 The ACC/AHA guidelines do not recommend ECG in asymptomatic patients during physical examination, but do support local programs in which ECG can be applied with high-quality cardiology resources.10,20 In contrast, the International Olympic Committee21 and the European Society of Cardiology recommend routine screening ECG,12 and this practice is becoming more common in professional sports22 and in the community setting.

Recently, the Seattle criteria were proposed to help physicians interpret screening ECG in athletes with the goals of identifying abnormalities that likely represent serious cardiac pathology and reducing false-positive interpretations.23 Although these criteria have improved the specificity of ECG and may be useful to physicians who are asked to interpret screening ECG in athletes, they have not been prospectively evaluated for decreasing morbidity.24

Because exercise is therapeutic for persons with hypertension, athletes with sustained systolic blood pressure of less than 160 mm Hg and diastolic blood pressure of less than 100 mm Hg should not be restricted from sports.25 Athletes with higher blood pressures benefit from further evaluation and initiation of treatment before unrestricted clearance is provided.

ORTHOPEDIC AND MUSCULOSKELETAL INJURIES

Patients with known orthopedic injuries should undergo a thorough joint-specific examination. Strict return-to-play timelines (e.g., two weeks after an ankle sprain) are counterproductive; injuries should be treated and cleared on a functional basis. Generally, if the athlete has no disabling pain, full range of motion, and full strength in the affected area, and is able to pass functional tests in a supervised sports setting, clearance can be provided after a PPE, barring other contraindications.

ASThma AND EXERCISE-INDUCEd BRONCHOSPASM

Patients with a history of asthma should be risk stratified based on their history. Standard classification of asthma as mild intermittent, mild persistent, moderate, or severe can help guide decisions. An understanding of asthma triggers is also essential, especially for exercise-induced bronchospasm. Athletes with well-controlled asthma who are asymptomatic at rest and with exertion can be safely cleared after a PPE.26 Pulmonary function testing should be considered for patients with a historical diagnosis of exercise-induced bronchospasm to exclude undiagnosed asthma. Athletes who are actively wheezing or recovering from an asthma exacerbation should be restricted from participation until symptoms have stabilized. Physicians may require athletes to have a rescue inhaler immediately available as a condition for athletic participation.

EPILEPSY

Persons with well-controlled seizures can participate in sports.27 Exceptions include sports in which a seizure could be fatal, such as skydiving, hang gliding, and scuba diving.

CONCUSSION

In athletes with a history of concussion, physicians should determine the number of concussions they have had; their duration, frequency, and recovery time; and risk factors.28 A complete neurologic examination should be performed. Athletes with signs and symptoms of concussion or postconcussion syndrome should not be cleared for participation until all symptoms have resolved.29 Neuroimaging is generally not needed.

Formal balance testing, such as the Balance Error Scoring System (http://www.glata.org/documents/filelibrary/glata_2014_presentations/BESSProtocol_E5D9286115A3C.pdf) and neuropsychologic testing, can help inform decisions about when to return to play.30 Disqualification for athletes with a history of frequent or severe concussions is controversial.31

HEMATOLOGIC DISORDERS

Consensus guidelines from the National Hemophilia Foundation advise that athletes with bleeding disorders such as hemophilia be restricted from contact or collision sports.32 Athletes with von Willebrand disease also may be restricted, depending on the subtype.33 Although persons with sickle cell disease are functionally limited to low-intensity activities, those with sickle cell trait may participate in all activities.34 Athletes with sickle cell trait may experience exertional sickling in
conjunction with other risk factors such as elevation, dehydration, or illness. In 2010, the National Collegiate Athletic Association (NCAA) mandated that the sickle cell trait status of all incoming athletes must be established by the time of the PPE; however, athletes are allowed to decline screening. Sickle cell trait is associated with 2% of deaths in NCAA football players.

EATING DISORDERS, PSYCHIATRIC DISORDERs, AND DRUG ABUSE
Athletes in weight-sensitive sports (e.g., boxing, wrestling) and aesthetic sports (e.g., diving, figure skating, dance) are at risk of eating disorders and general disordered eating. In females, disordered eating and excessive exercise may lead to low body mass index, menstrual irregularity, and low bone mineral density (i.e., the female athlete triad). These patients should be engaged in a multidisciplinary treatment program with further risk stratification before return to sport. Athletes with untreated mental illness should receive treatment and be stabilized before resuming athletic participation. Athletes with identified drug abuse should also receive treatment before returning to sport.

Laboratory and Imaging Studies
Laboratory and imaging studies should be used as an extension of the history and physical examination when additional information is needed to evaluate a concern. Screening blood and urine tests are not recommended for asymptomatic athletes. Athletes with previously treated or chronic conditions may require further testing.

Data Sources: We searched the Cochrane database, Medline, and Essential Evidence Plus with the key words PPE, preparticipation physical exam, preseason physical, and sports clearance. The search was not limited by study type. Search dates: April 24, 2014, through April 25, 2015.

The Authors
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Preparticipation Sports Evaluation

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MICHAEL MENDOZA, MD, MPH, MS, is an assistant professor in the Department of Family Medicine at the University of Rochester Medical Center.

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REFERENCES
Preparticipation Sports Evaluation


# Preparticipation Physical Evaluation

**History Form**

(Note: This form is to be filled out by the patient and parent prior to seeing the physician. The physician should keep this form in the chart.)

<table>
<thead>
<tr>
<th>Date of Exam</th>
<th>Date of birth</th>
</tr>
</thead>
<tbody>
<tr>
<td>____________</td>
<td>____________</td>
</tr>
</tbody>
</table>

## Name __________________________________________________________________________________ Date of birth ____________

## Date of Exam ____________________________________________________________________________________________________________________________________

## Sex _______ Age __________ Grade _____________ School _____________________________ Sport(s)  __________________________________

## Medicines and Allergies: Please list all of the prescription and over-the-counter medicines and supplements (herbal and nutritional) that you are currently taking.

Do you have any allergies?  □ Yes  □ No  If yes, please identify specific allergy below.

□ Medicines  □ Pollens  □ Food  □ Sting Insects

Explain “Yes” answers below. Circle questions you don’t know the answers to.

### GENERAL QUESTIONS

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Has a doctor ever denied or restricted your participation in sports for any reason?</td>
<td></td>
</tr>
<tr>
<td>2. Do you have any medical conditions? If so, please identify below: □ Asthma □ Anemia □ Diabetes □ Infections Other:</td>
<td></td>
</tr>
<tr>
<td>3. Have you ever spent the night in the hospital?</td>
<td></td>
</tr>
<tr>
<td>4. Have you ever had surgery?</td>
<td></td>
</tr>
</tbody>
</table>

### HEART HEALTH QUESTIONS ABOUT YOU

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>5. Have you ever passed out or nearly passed out during or after exercise?</td>
<td></td>
</tr>
<tr>
<td>6. Have you ever had discomfort, pain, tightness, or pressure in your chest during exercise?</td>
<td></td>
</tr>
<tr>
<td>7. Does your heart ever race or skip beats (irregular beats) during exercise?</td>
<td></td>
</tr>
<tr>
<td>8. Has a doctor ever told you that you have any heart problems? If so, check all that apply: □ High blood pressure □ A heart murmur □ High cholesterol □ A heart infection □ Kawasaki disease Other:</td>
<td></td>
</tr>
<tr>
<td>9. Has a doctor ever ordered a test for your heart? (For example, ECG/EKG, echocardiogram)</td>
<td></td>
</tr>
<tr>
<td>10. Do you get lightheaded or feel more short of breath than expected during exercise?</td>
<td></td>
</tr>
<tr>
<td>11. Have you ever had an unexplained seizure?</td>
<td></td>
</tr>
<tr>
<td>12. Do you get more tired or short of breath more quickly than your friends during exercise?</td>
<td></td>
</tr>
</tbody>
</table>

### HEART HEALTH QUESTIONS ABOUT YOUR FAMILY

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>13. Has any family member or relative died of heart problems or had an unexpected or unexplained sudden death before age 50 (including drowning, unexplained car accident, or sudden infant death syndrome)?</td>
<td></td>
</tr>
<tr>
<td>14. Does anyone in your family have hypertrophic cardiomyopathy, Marfan syndrome, arrhythmogenic right ventricular cardiomyopathy, long QT syndrome, short QT syndrome, Brugada syndrome, or catecholaminergic polymorphic ventricular tachycardia?</td>
<td></td>
</tr>
<tr>
<td>15. Does anyone in your family have a heart problem, pacemaker, or implanted defibrillator?</td>
<td></td>
</tr>
<tr>
<td>16. Has anyone in your family had unexplained fainting, unexplained seizures, or near drowning?</td>
<td></td>
</tr>
</tbody>
</table>

### BONE AND JOINT QUESTIONS

<table>
<thead>
<tr>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>17. Have you ever had an injury to a bone, muscle, ligament, or tendon that caused you to miss a practice or a game?</td>
<td></td>
</tr>
<tr>
<td>18. Have you ever had any broken or fractured bones or dislocated joints?</td>
<td></td>
</tr>
<tr>
<td>19. Have you ever had an injury that required x-rays, MRI, CT scan, injections, therapy, a brace, a cast, or crutches?</td>
<td></td>
</tr>
<tr>
<td>20. Have you ever had a stress fracture?</td>
<td></td>
</tr>
<tr>
<td>21. Have you ever been told that you have or have you had an x-ray for neck instability or atlantoaxial instability? (Down syndrome or dwarfism)</td>
<td></td>
</tr>
<tr>
<td>22. Do you regularly use a brace, orthotics, or other assistive device?</td>
<td></td>
</tr>
<tr>
<td>23. Do you have a bone, muscle, or joint injury that bothers you?</td>
<td></td>
</tr>
<tr>
<td>24. Do any of your joints become painful, swollen, feel warm, or look red?</td>
<td></td>
</tr>
<tr>
<td>25. Do you have any history of juvenile arthritis or connective tissue disease?</td>
<td></td>
</tr>
</tbody>
</table>

I hereby state that, to the best of my knowledge, my answers to the above questions are complete and correct.

<table>
<thead>
<tr>
<th>Signature of athlete</th>
<th>Signature of parent/guardian</th>
<th>Date</th>
</tr>
</thead>
</table>


**eFigure A. Preparticipation evaluation history form.**

Preparticipation Physical Evaluation

The athlete with special needs:
Supplemental history form

Date of Exam ___________________________________________________________________________________________________________________

Name __________________________________________________________________________________  Date of birth __________________________

Sex _______  Age __________  Grade _____________  School _____________________________  Sport(s) __________________________________

1. Type of disability
2. Date of disability
3. Classification (if available)
4. Cause of disability (birth, disease, accident/trauma, other)

5. List the sports you are interested in playing

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>6. Do you regularly use a brace, assistive device, or prosthesis?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7. Do you use any special brace or assistive device for sports?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>8. Do you have any rashes, pressure sores, or any other skin problems?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9. Do you have a hearing loss? Do you use a hearing aid?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10. Do you have a visual impairment?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11. Do you use any special devices for bowel or bladder function?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12. Do you have burning or discomfort when urinating?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13. Have you had autonomic dysreflexia?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>14. Have you ever been diagnosed with a heat-related (hyperthermia) or cold-related (hypothermia) illness?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>15. Do you have muscle spasticity?</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16. Do you have frequent seizures that cannot be controlled by medication?</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explain “yes” answers here

Please indicate if you have ever had any of the following.

<table>
<thead>
<tr>
<th>Condition</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Atlantoaxial instability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>X-ray evaluation for atlantoaxial instability</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dislocated joints (more than one)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Easy bleeding</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Enlarged spleen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hepatitis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Osteopenia or osteoporosis</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty controlling bowel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Difficulty controlling bladder</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numbness or tingling in arms or hands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Numbness or tingling in legs or feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weakness in arms or hands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Weakness in legs or feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recent change in coordination</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Recent change in ability to walk</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Spina bifida</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Latex allergy</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Explain “yes” answers here

I hereby state that, to the best of my knowledge, my answers to the above questions are complete and correct.

Signature of athlete   __________________________________________  Signature of parent/guardian __________________________________________________________   Date _____________________


eFigure B. Preparticipation evaluation supplemental history form.

Preparticipation Physical Evaluation

PHYSICAL EXAMINATION FORM

Name __________________________________________________________________________________ Date of birth __________________________

PHYSICIAN REMINDERS
1. Consider additional questions on more sensitive issues
   - Do you feel stressed out or under a lot of pressure?
   - Do you feel safe at your home or residence?
   - Have you ever tried cigarettes, chewing tobacco, snuff, or dip?
   - During the past 30 days, did you use chewing tobacco, snuff, or dip?
   - Do you drink alcohol or use any other drugs?
   - Have you ever taken anabolic steroids or used any other performance supplement?
   - Do you wear a seat belt, use a helmet, and use condoms?

2. Consider reviewing questions on cardiovascular symptoms (questions 5–14).

EXAMINATION

Height

Weight

□ Male  □ Female

BP / ( ) / ( ) / Pulse Vision R 20/ L 20/

Corrected □ Y □ N

MEDICAL

NORMAL

ABNORMAL FINDINGS

Appearance
   - Marfan stigmata (kyphoscoliosis, high-arched palate, pectus excavatum, arachnodactyly, arm span > height, hyperflexy, myopia, MVP, aortic insufficiency)

Eyes/ears/nose/throat
   - Pupils equal
   - Hearing

Lymph nodes

Heart?
   - Murmurs (auscultation standing, supine, +/- Valsalva)
   - Location of point of maximal impulse (PMI)

Pulses
   - Simultaneous femoral and radial pulses

Lungs

Abdomen

Genitourinary (males only)^

Skin
   - HSV, lesions suggestive of MRSA, tinea corporis

Neurologic^

MUSCULOSKELETAL

Neck

Back

Shoulder/arm

Elbow/forearm

Wrist/hand/fingers

Hip/thigh

Knee

Leg/ankle

Foot/toes

Functional
   - Duck-walk, single leg hop

aConsider ECG, echocardiogram, and referral to cardiology for abnormal cardiac history or exam.

bConsider GU exam if in private setting. Having third party present is recommended.
cConsider cognitive evaluation or baseline neuropsychiatric testing if a history of significant concussion.

☐ Cleared for all sports without restriction
☐ Cleared for all sports without restriction with recommendations for further evaluation or treatment for ________________________________

☐ Not cleared
   - Pending further evaluation
   - For any sports
   - For certain sports ________________________________

Reason ________________________________

Recommendations ________________________________

I have examined the above-named student and completed the preparticipation physical evaluation. The athlete does not present apparent clinical contraindications to practice and participate in the sport(s) as outlined above. A copy of the physical exam is on record in my office and can be made available to the school at the request of the parents. If conditions arise after the athlete has been cleared for participation, the physician may rescind the clearance until the problem is resolved and the potential consequences are completely explained to the athlete (and parents/guardians).

Name of physician (print/type) _____________________________________________________________________________________________________ Date ________________

Address ___________________________________________________________________________________________________________ Phone _________________________

Signature of physician _______________________________________________________________________________________________________________________, MD or DO


eFigure C. Preparticipation evaluation physical examination form.

Preparticipation Physical Evaluation
CLEARANCE FORM

Name ____________________________ Sex ☐ M ☐ F Age __________ Date of birth ________________

☐ Cleared for all sports without restriction

☐ Cleared for all sports without restriction with recommendations for further evaluation or treatment for ___________________________

☐ Not cleared

☐ Pending further evaluation

☐ For any sports

☐ For certain sports

Reason __________________________

Recommendations __________________________

I have examined the above-named student and completed the preparticipation physical evaluation. The athlete does not present apparent clinical contraindications to practice and participate in the sport(s) as outlined above. A copy of the physical exam is on record in my office and can be made available to the school at the request of the parents. If conditions arise after the athlete has been cleared for participation, the physician may rescind the clearance until the problem is resolved and the potential consequences are completely explained to the athlete (and parents/guardians).

Name ____________________________ Sex ____________________ Age __________ Date of birth ________________

EMERGENCY INFORMATION

Allergies ____________________________

Other information ____________________________

Signature of physician ____________________________ Date ________________ Phone ____________________________


eFigure D. Preparticipation evaluation clearance form.