

# ATHLETIC PLACEMENT PROCESS

## PHYSICAL MATURITY FORM

**THIS SECTION TO BE COMPLETED BY THE DIRECTOR OF PHYSICAL EDUCATION AND/OR ATHLETIC DIRECTOR:**

Student's Name \_\_\_\_\_ Grade \_\_\_\_\_

Home Address \_\_\_\_\_

Date of Birth \_\_\_\_ / \_\_\_\_ / \_\_\_\_ Age \_\_\_\_ Gender:  Male  Female

Parental/Guardian Permission Form Received:  Yes Date Received \_\_\_\_\_

Desired Level:  Varsity  Jr. Varsity  Frosh  Modified

Desired Sport: \_\_\_\_\_ \*Recommended Tanner Rating for this sport and level \_\_\_\_\_ \* See Appendix H

**SCREENING PROCEDURES- THIS SECTION TO BE COMPLETED BY THE DISTRICT MEDICAL DIRECTOR (OR BY PRIVATE MEDICAL PROVIDER FOR REVIEW BY THE DISTRICT MEDICAL DIRECTOR IF PERMITTED)**

A. TANNER SCORE AND HEIGHT/WEIGHT ASSESSMENT COMPLETED BY:

District Medical Director  Private Medical Provider

EXAM DATE: \_\_\_\_\_

PROVIDER NAME \_\_\_\_\_

**CIRCLE THE CURRENT DEVELOPMENTAL STAGE OF THE STUDENT, USING THE TANNER SCALE:**

1                      2                      3                      4                      5

B. ALTERNATIVE TO TANNER EXAMINATION FOR FEMALES ONLY (If accepted by district):

Onset of Menarche = Tanner Stage 5

C. HEIGHT \_\_\_\_\_ WEIGHT \_\_\_\_\_

D. CHECK APPROPRIATE BOXES BELOW AND RETURN FORM TO THE DIRECTOR OF PHYSICAL EDUCATION/ATHLETICS. (See Appendix H)

Student is  cleared  not cleared for the sport of: \_\_\_\_\_

at the following level:  Modified  Freshman  Junior Varsity  Varsity

SIGNED \_\_\_\_\_ DATE \_\_\_\_ / \_\_\_\_ / \_\_\_\_  
District Medical Director

## PROCEDURES FOR THE DISTRICT MEDICAL DIRECTOR

The director of school health services, commonly referred to as the medical director, (also known as the medical officer, or the school or district medical director) must approve a student's participation in interscholastic athletics [8NYCRR 135.1(7)(i)]. The medical director, who is a physician, or a nurse practitioner employed by the district has the responsibility of ensuring that all students who enter into the school's interscholastic sport program are physically able to participate in the sport of their choosing. Special attention must be given to students in grades 7 and 8 who wish to move up to a higher level of competition. Students in grades 9-12 may qualify to move to a lower level of competition. This section will provide guidance for making the decision to allow younger students the opportunity to play at a higher level, or older students to play at a lower level, provided that they have the physical maturity, comparable physical size, fitness levels, and sport skill to do so safely and with success. Prior to being sent to the medical director, students are required to have written parent/guardian permission to participate in the APP, approval by administration to move to the desired level, and a recommendation from the athletic administrator.

### IMPLEMENTATION

The medical director will determine:

- the physical maturity level of the student in relation to the sport and level in and at which they wish to participate (see Appendix C and H), using the Tanner Scale
- the size, in height and weight, of the student in relation to the size of the average age and sex of the students against whom they wish to compete

The medical director should take into consideration the height, weight, muscle mass and Tanner rating as compared to the other athletes he/she would compete with. For physical development and maturity, Tanner staging remains the least invasive tool to gauge a person's sexual maturity rating as an indicator of physical maturation. Best practice, therefore, would dictate that the medical director use the Tanner Rating Scale and compare the developmental level of the student to the average Tanner level of students playing the sport at the desired level. The medical director may conduct the Tanner Rating examination him/herself with the prior informed consent of the parent/guardian and of the student. The school must make provisions that allow for a private, dignified, chaperoned examination, with a parent/guardian present if he/she and the student so desire. Alternatively, the medical director may decide to use, but is not obligated to use, the Tanner rating provided by a private medical provider. Additionally, for girls giving a history of having gone through menarche, assigning a Tanner rating of five without a physical examination may also be done at the professional judgment and discretion of the medical director, if the history given is consistent with observation of body appearance while clothed. Since a Tanner Rating requires an intimate examination, it is essential that school districts create a sound protocol with simple and clear information for parents/guardians and students to understand what is required during an examination and whether private medical provider assessments, or a student or parent/guardian reported history of menarche are acceptable.

For physical size comparability, the medical director should have access to the current height and weight of the student, and compare that with the size of the average age and sex of the students against whom they wish to compete. Growth charts are the easiest method of accomplishing this. For consistency, it is recommended that the following growth charts from the Centers for Disease Control and Prevention are used. (see the following page)

Centers for Disease Control and Prevention Growth Charts:

Boys: <http://www.cdc.gov/growthcharts/data/set2clinical/cj411071.pdf>

Girls: <http://www.cdc.gov/growthcharts/data/set2clinical/cj411072.pdf>

The medical director will clear the student to continue the APP if:

- the student is at an appropriate physical maturity\* level by Tanner Scale for the desired level and sport; and
- the student is physically comparable with the average age and sex of the students against whom the student will compete.

The process stops if a student is not at a comparable physical maturity level or physical size in relation to the average age and sex of the students against whom he or she desires to compete, as determined by the medical director. The medical director does not need to do anything more than return that information to the physical education director and/or athletic director (see Appendix C). In cases where the medical director's determination differs from that of a private medical provider, there should be communication between the two to determine the best decision for the student in question. If there can be no consensus between the medical director and the private provider, the medical director's determination is final. It is advisable that the medical director complete his or her own examination of the student in such cases.

***\*Important Note on the Physical Maturity Examination:*** For the medical director, determining the physical maturity level of the student is an important step in the APP. This is done to ensure that the student has attained a level of physical development at which the chances of growth plate or overuse injury are minimized. Since the growth plate is the weakest area of the growing skeleton, weaker than the nearby ligaments and tendons that connect bones to other bones and muscles, injury to a growth plate can lead to a serious and potentially permanent injury to a joint or long bone. While growth plate injuries are usually caused by an acute event, such as a fall or a blow to a limb, they can also result from overuse, such as when a gymnast practices for hours on the uneven bars, a runner runs long distances, or a baseball pitcher spends hours perfecting a curve ball. Growth plate trauma and other overuse injuries may occur in competitive sports such as football, basketball, softball, track & field, and gymnastics. The likelihood increases when students are doing a single sport year round without substantial rest; therefore, caution must be exercised in determining the physical maturity of students at this age level. Developmental staging reduces, but does not eliminate, the risks of injury to a younger student moving up to sport activities involving larger and more developmentally mature students. Since all growth plates might not be fully matured by the time that a student reaches Tanner 5, care must be exercised in determining the physical maturity of athletes. It is always best to err on the side of caution and keep a student at the age-appropriate level of play in order to safeguard the student.

**DISTRICT MEDICAL DIRECTOR**  
**ATHLETIC PLACEMENT PROCESS CHECKLIST**

**STUDENT NAME:** \_\_\_\_\_ **GRADE:** \_\_\_\_\_

**MEDICAL DIRECTOR APPROVAL**

- Physical Maturity Form sent to Dir. PE/ATH

**DATE** \_\_\_\_\_

**MEDICAL DIRECTOR DENIAL**

- Physical Maturity Form sent to Dir. PE/ATH

**DATE** \_\_\_\_\_