

## CONNECTICUT INTERSCHOLASTIC ATHLETIC CONFERENCE

### 24<sup>th</sup> ANNUAL 2018 CIAC BOYS LACROSSE TOURNAMENT

Sponsored by CT DOT, Max Preps

#### ALERT PAGE

- **LACROSSE BALLS** – All game balls must include labeling which states “meets NOCSAE standard”. Because this is a risk minimization issue, the NFHS rules committee adopted the following situations and rulings regarding this NOCSAE labeling requirement:

1.5 **Situation A** – The officials arrive and find the balls provided by the home Team A are not marked “meets NOCSAE standard”. The home team (a) asks the visiting Team B to provide legal balls, or (b) no legal balls are available. Ruling A – Technical foul on A, award the opening faceoff to B and continue to game.

Ruling B – The standards are established to minimize risk and if no legal balls are available, the game cannot be played. The situation should be reported to the conference, league or state association.

Approved rulings from the NFHS:

Is a ball legal if it has the NFHS and/or NCAA mark on it, but the ball is NOT marked “meets NOCSAE standard”?  
No, the ball must be marked “meets NOCSAE standard”.

Is the ball legal if the ball is marked “meets NOCSAE standard” but does not contain the NFHS authenticating mark?  
Yes, any ball that is marked “meets NOCSAE standard” is a legal ball and it does not have to have NFHS on it.

- **OUT-OF-STATE GAMES** – All out-of-state games against teams that are members of their state association will count toward tournament qualification. Schools must complete the online out-of-state form. **\*NOTE: The rating points for out-of-state games will be calculated by the records posted on Laxpower.com by midnight on Saturday, May 19, 2018.**
- **REGULAR SEASON GAMES** – If interrupted (suspended) before the completion of three (3) full quarters, must be started from the beginning with the score 0-0. If ended after three (3) quarters of play, the game will be declared an official game. If the score is tied after three (3) full quarters, the game must be replayed from the beginning with the score 0-0.
- **BY STATE ADOPTION IN CIAC TOURNAMENT PLAY** – A game suspended either in the first half or the second half will be continued from the point of suspension with the score the same as when the game was suspended. A suspended game after three (3) full quarters of play have been completed may be ruled an “official game” by mutual agreement of both coaches.
- **REGULAR SEASON AND CIAC TOURNAMENT OVERTIME PROCEDURE** – In the event of a tie at the end of the regulation game, play shall be continued, after a two-minute intermission, with sudden-victory overtime. In sudden-victory overtime, the teams shall play periods of four minutes each until a goal is scored. The game ends upon the scoring of the first goal. There will be a two-minute intermission between sudden-victory periods.
- The host school in the playdown, first round and quarter-final games must call their commissioner of officials and request that officials be assigned. Each commissioner will be made aware of this request. The officials’ fees for the playdown through the quarter-final round is \$107.48.

- Expenses for playdown, first round and quarter-final games will be borne by the participating teams. The host team will pay game expenses including officials, and shall provide the site director who should be someone other than the coach and the trainer or other medical coverage.
- **SCRIMMAGES** – Teams must have a minimum of three (3) days of practice prior to scheduling a full team scrimmage. All sports teams and individual athletes must have a minimum of ten (10) physical/exertional practice days with their school before the date of the first scheduled competition. No team/athlete shall practice/compete with their school more than six (6) consecutive days to provide a day of rest. Saturdays, Sundays, and holidays may be used unless prohibited by local board policy. Sunday practices may be counted to fulfill the 10 day requirement.
- **PROMOTING SPORTSMANSHIP**

**Points of Emphasis** – In an effort to continue to promote good sportsmanship the CIAC Lacrosse Committee would like to emphasize the following regulations which apply to all CIAC schools in all sports.

- Any CIAC team that accumulates five (5) or more disqualifications during the regular season including the league's tournament will be barred from CIAC post-season competition.
  - Any athlete upon receiving two (2) disqualifications, either for initiating a fight or retaliating in a fight (as determined by the game official), will be declared ineligible for the remainder of the season.
  - In addition, if there is a pattern of unsportsmanlike conduct exhibited by a member school team or lacrosse program, at any level of play, the school's principal, athletic director, and coach could be requested to meet with the CIAC Lacrosse Committee which may result in further sanctions. The school will be required to present a written action plan to the committee that addresses the conduct and sportsmanship of their team and program since the school administration is ultimately responsible for the conduct of their players, coaches, and team followers.
- **CIAC TOURNAMENT SITE MEDIA POLICY** – The CIAC places tremendous value on the role the media plays in promoting and highlighting high school sports. To that purpose CIAC tournament venues and hosts should make every effort to provide a working environment conducive to all media (print, broadcast and internet based) covering our events. The following are **minimum standards**, developed in consultation with the CIAC Media Advisory Committee, which should be provided for working media at all CIAC tournament sites.
  1. A minimum of one hour following the conclusion of post-game interviews to write in the press box, press area or a suitable facility in close proximity to the site of the event (i.e. office, classroom, etc.)
  2. Access to electric power (shared power strip, etc.).
  3. Access to wireless internet service.

Site directors should communicate these requirements to any staff person who may be responsible for the administration of the event. If for some reason a site will not be able to provide these items for a contest, a site representative should inform the CIAC in advance and work with the media on site before the game and work to provide a reasonable solution to the issue. Members of the media who will be covering events are directed to contact the appropriate site as far in advance as possible to inform them they will be at the event and discuss what arrangements will be made for working media at the site.

- **STUDENTS WITH SPECIAL NEEDS** – Coaches are reminded to inform contest officials prior to each competition of any student with special needs who could be competing in the contest when his/her disability could impact the individual's performance or the conduct of the competition.
- **REPORTING REGULAR SEASON SCORES** – In order to ensure that standings and rankings on both the CIAC's websites and other sites which draw their data from us are timely and accurate, all regular season scores must be entered online on the day of the game as soon as possible following the game's completion.

Scores may be entered via the Online Eligibility Center, the “submit scores/forms” option of the “CIAC for Coaches” menu at ciacsports.com or the “Student scores: button in our ciacmobile.com mobile site. Entering scores at ciacsports.com or ciacmobile.com requires either a coaches or scorekeeper’s access code, those codes are managed via the Online Eligibility Center and can be retrieved from the school’s athletic director.

- **TOURNAMENT ROSTERS / ENTRY / OFFICIALS** – Can be submitted on the Eligibility Center or the “submit scores/forms” option under the CIAC for Coaches menu at ciacsports.com.
- **UNMANNED AERIAL SYSTEMS AT CIAC-SANCTIONED EVENTS** – The use of unmanned aerial systems, often referred to as drones, is prohibited for any purpose by any person(s) at all CIAC-sanctioned events. This policy includes not only the restricted playing area of the venue(s), but also the physical confines of the entire stadium / field / arena structure. For the purpose of this policy, an unmanned aerial system is any aircraft without a human pilot on board.
- **2017-18 NATIONAL TESTING DATES – CIAC HANDBOOK** – Please be advised that because there are many options for student-athletes to take the SAT and ACT tests during the course of the school year, schools should make their teams aware of the CIAC tournament schedule that is posted three years in advance to avoid a conflict. In most sports, it is necessary for CIAC to schedule multiple games on the same day and a morning game on the day of an SAT or ACT test cannot be avoided. Please plan ahead.

ACT Test Dates

February 10, 2018

April 14, 2018

**June 9, 2018 \* (B/G Finals)**

Morning, mid-day and early afternoon  
games will be scheduled – Plan ahead

SAT Test Dates

March 10, 2018 \*

May 5, 2018

**June 2, 2018 \* (Boys QF – Higher Seed)**

- NOTE – These dates will conflict with CIAC tournaments – plan accordingly.
- **SPORTSMANSHIP** -- **Member schools are expected to conduct their relations with each other at all levels of competition in a spirit of good sportsmanship. Everyone involved has the obligation to see clearly his/her influence and act accordingly.** The CIAC acknowledges that the school administration is responsible for the athletic program, including the making of broad and specific policies and procedures relating to sportsmanship and the conduct of activities in the school. **To that end, the CIAC urges each school principal to adopt the following sportsmanship procedures and standards for their school and to champion the “Class Act” sportsmanship program as these standards will be used in all CIAC post-season contests.**

CIAC Sportsmanship Guidelines

- The CIAC request that all school personnel – administrators, faculty, and coaches – give special and specific emphasis about CIAC’s expectations for good sportsmanship during the regular season as well as CIAC tournaments requiring that athletes and members of the student body conduct themselves in a manner that reflects nothing but credit upon your school. Any unsportsmanlike conduct on the part of students and adults is unacceptable and will be addressed with strong and appropriate measures.
- The CIAC sportsmanship standards should be as widely disseminated as possible using the student-parent handbook, student-athlete handbook, school newspaper, parent newsletter, school web site and the local media.
- The CIAC sportsmanship standards for spectators should be read by PA announcers prior to each contest.
- The CIAC sportsmanship standards of conduct be prominently posted at all sports venues.
- When event programs are provided, the CIAC sportsmanship standards be included.
- Member schools require having athletes, parents/guardians, sign an acknowledgement which would show that they have read the student-athlete handbook and understand the CIAC sportsmanship standards.
- Member schools work with community officials to insure that levels of the CIAC sportsmanship standards are enforced when contests are held at their school and at non-school facilities.

- The CIAC and the CIAC sports committees insist the CIAC sportsmanship standards be rigorously enforced at all regular season contests and at all CIAC tournament contests. This is particularly important when contests are held at non-school sites.
- Member schools will conduct a pre-season meeting with student-athletes, coaches and parents to review the CIAC sportsmanship standards.
- Member schools should communicate with opposing schools and inform them they are a “Class Act School” and provide them with the CIAC sportsmanship standards which will be strictly adhered to.
- Member schools hosting a game should make available to visiting schools necessary game information – includes directions for parking, location of ticket booths, seating arrangement, ticket prices, game time, directions for each game site.
- Member schools hosting a game should designate specific seating areas for students, bands, adults and visitors. If possible, opposing student bodies should be separated.
- Member schools hosting a game should arrange for adequate police supervision.
- When possible the member schools hosting a game should assign officials to dressing facilities separated from both teams. Provides escorts for the officials when it appears that disturbances may develop.
- Member schools should take measures to prevent fans from getting near or on the playing area and around the players benches. After the contest, prevents fans from going onto the playing area.
- Member schools should provide for adequate supervision of students and facilities. Supervisors should sit in the stands with the students.
- **Member schools should support and adhere to ALL the following CIAC standards.**

### **The CIAC “Class Act” Sportsmanship Standards**

#### **ALL Spectators (including parents):**

- Will adhere to the host school’s acceptable dress code at all home and away contests commensurate with classroom behavior. For CIAC tournament contests all spectators will be appropriately attired with their torso completely covered and with no visible degrading or demeaning writings/logos.
- Any signs displayed must be positive in nature, reference only the school supported by the sign maker, and must be pre-approved by the Athletic Director of the school reference in the sign.
- During outdoor sports, no air horns or horns of any kind or whistles will be used, and any other noisemakers will be allowed with the host athletic director’s approval and only be used during “dead ball” situations to celebrate good play. During indoor sports, no noisemakers will be used. Pep bands are allowable at a home contest if the school provides adult supervision and the band only plays during “dead ball” situations.
- Spectators will cheer positively to support their team, will not cheer negatively against the opponent.
- Spectators will show respect for the game officials and their decisions.
- Spectators will show respect for the playing of the National Anthem.

#### **Game Personnel / Announcers:**

- Will explain and consistently enforce host school expectations for spectators.
- Will be enthusiastic but not show favoritism while making announcements, and never publicly question or criticize the players, coaches, or officials.
- Will encourage respect for the National Anthem and remind spectators to remove caps and stand.

#### **Coaches**

- Will exemplify high moral character, behavior and leadership, lead by example, and set a standard for players and spectators to follow both on and off the athletic arena.
- Will teach players the rules of the game and to respect the game, and will take action when athletes exhibit poor sportsmanship.
- Will respect the integrity and judgement of officials and will not publicly criticize or question the decisions of officials.
- Will be aware of the competitive balance of contests and will manage the score in a manner that is sportsmanlike and respectful of opponents.

**Players:**

- Will accept the responsibility and privilege the student-athlete has in representing their school and community by learning and showing teamwork, sportsmanship and discipline in all aspects of the game.
- Will demonstrate respect for self, coach, teammates, opponents, officials and spectators by exhibiting good character and conducting themselves as a positive role model.
- Will win and lose graciously.
- Will cheer for your team, not against your opponent.
- Will congratulate opponents in a sincere manner following either victory or defeat.

**2018 NFHS BOYS LACROSSE RULE CHANGES**

1-2	Adopted the 120-yard unified girls and boys field as an allowed field option.
1-7-5 Note	Pockets of nontraditional synthetic material manufactured for lacrosse are permitted. The pocket must meet the specifications of Rule 1-7.
1-9-1g(8) Note	Beginning in 2022, the home team will be required to wear white jerseys, and the away team will be required to wear non-white jerseys.
4-3-3d	The official shall make certain that the reverse surfaces of the crosses match evenly in that the top of one head lines up with the throat of the other and are perpendicular to the ground.
4-3-3n	A contrasting color between the head and the top glove must be visible on the shaft at faceoffs. The circumference of the shaft shall not exceed 3.5 inches. Note: This can be accomplished with the original shaft color, paint, a single wrap of tape or other material.
4-9-2o	A goal will be allowed if the shot is released prior to the end of the period.
4-18-4 Penalty	Conduct foul on the defensive player. A second violation by the team will be enforced as releasable unsportsmanlike conduct, served by the offending player.
6-5-2x	Failure to wear a required mouthpiece properly (unless it comes out during play).
6-10-2	... The stall warning remains in effect until a goal is scored, a shot that hits the goal pipes, shot that hits the goalie or hits his equipment, the defensive team gains possession of the ball or the period ends resulting in a faceoff. After the team has been warned, stalling shall be called if the ball leaves the goal area in any manner other than as a result of a shot on goal or a touch by the defensive team.
7-3	RESUMING PLAY AFTER PENALTY – When a penalty occurs and the ball is in the offended team's offensive half of the field, the ball shall be put in play by the team awarded the ball, at the spot where the ball was when play was suspended. If the ball was in the goal area when play was suspended, it shall be restarted nearest to the spot of the ball at the time of the whistle, 20 yards laterally outside the goal area.
7-8	When there is a flag down during a slow whistle situation, the attacking team is no longer required to keep the ball in the goal area, otherwise known as "the attack box." A normal stalling situation can still be applied by officials if needed.
7-8-2j	A second defensive foul is committed during the final two minutes of regulation play with the team that is ahead possessing the ball unless a scoring play is imminent.
Signals	Stall warning off (fair catch signal from football) signal 40.

## 2018 Boys Lacrosse Points of Emphasis

1. Shots at the Ends of Periods
2. Slow Whistle
3. Faceoffs
4. Mouthpieces
5. New Cross

Note: Situations and rulings immediately follow the corresponding rule/section. New or revised situations and rulings are indicated by shading.

### 24<sup>th</sup> ANNUAL 2018 CIAC BOYS LACROSSE TOURNAMENT REGULATIONS

#### 1.0 DIVISIONS

- 1.1 Only members of the CIAC may enter this tournament which will be divided into three (3) divisions –  
L – 636 and over; M – 401 - 635; S – up to 400.

CIAC member school teams will be placed into one of three divisions based on the boy enrollment for grades 9-12 the preceding year. A listing of tournament divisions are available on the boys lacrosse page at ciacsports.com.

#### 2.0 SITES / DATES / TIMES

- 2.1 Member schools may start practice on, but not before, Saturday, March 17, 2018.
- 2.2 Member schools may play the first game on, but not before, Saturday, March 31, 2018.
- 2.3 Member schools may schedule and play three (3) games per week four times during regular season.
- 2.4 Member schools may not schedule more than sixteen (16) games during the regular season.
- 2.5 The last date for games to count for the 2018 Boys Lacrosse Tournament will be Wednesday, May 23, 2018. Games played after this date shall not count for tournament entry, regardless of the reasons for playing such games.
- 2.6 **Tournament Sites** – Qualifying round, first round and quarter-final games will be played at the home field of the higher ranked team. Sites for the semi-finals and final games will be determined by the tournament director.

#### **Game Dates / Times**

Qualifying Round (if necessary)	Saturday, May 26*	TBA
First Round	Wednesday, May 30	4:30 p.m.
Quarter-finals	Saturday, June 2	3:00 p.m.
Semi-finals	Wednesday, June 6	Time TBA
Finals - Brien McMahon	Saturday, June 9	Time TBA
Finals – Rain Date	Sunday, June 10	

\*Qualifying round game can be played on Friday, May 25, 2018 by mutual agreement and approval of the tournament director.

Semi-final and final games will be held at pre-determined sites.

- 2.7 **Inclement Weather / Tournament Games** – In the event of inclement weather, the Site Director has the authority to postpone the game. **THE SITE DIRECTOR WILL IMMEDIATELY NOTIFY THE TOURNAMENT DIRECTOR.** The postponed game will be played on the next day including Sunday. The rain date for the championship final would be Sunday, June 10, 2018.
- 2.8 **NO SCHEDULE OR TIME CHANGES WILL BE PERMITTED WITHOUT THE EXPRESSED APPROVAL OF THE TOURNAMENT DIRECTOR OR THE CIAC STAFF.**

### 3.0 ENTRY PROCEDURES / QUALIFYING

- 3.1 **Tournament Roster Form** – Can be submitted on the Eligibility Center or the “submit Scores/Forms” option under the CIAC for Coaches Menu at ciacsports.com. Rosters must be submitted by Friday, May 18, 2018.

**Game Results** – In order to ensure that standings and rankings on both the CIAC’s web sites and other sites which draw their data from us are timely and accurate, all regular season scores must be entered online on the day of the game as soon as possible following the game’s completion.

Scores may be entered via the Online Eligibility Center, the “Submit Scores/Forms” option of the CIAC for Coaches menu at ciacsports.com, or the “Submit Scores” button in our ciacmobile.com mobile site. Entering scores at ciacsports.com or ciacmobile.com requires either a coaches or scorekeeper’s access code, those codes are managed via the Online Eligibility Center and can be retrieved from a school’s athletic director.

Regardless of regular season postponed games, Wednesday, May 23, 2018 is the final day to count games for tournament play. All games must be completed and scores submitted via the password-protected online eligibility center by Wednesday, May 23, 2018.

**Member schools must make every effort to complete their season as scheduled, including make-up games. Any effort to gain an advantage in tournament play by not playing a game is unacceptable and is subject to action by the CIAC Board of Control. Cancellation of any regular season contest/make-up to play in a league tournament will not be allowed.**

- 3.2 **Entry Fee** – An entry fee of \$85 payable to CIAC must be mailed to the CIAC, 30 Realty Drive, Cheshire, CT 06410. If a school needs an invoice in order to pay its tournament fee, one can be downloaded by using the “Generate Tournament Invoice” link under the boys lacrosse options in the password-protected online eligibility center.
- 3.3 To qualify for the CIAC boys lacrosse tournament, a team must play a minimum of TEN (10) games AGAINST VARSITY OPPONENTS and have a winning percentage of 40%.
- 3.4 All varsity games against CIAC member schools and **out-of-state games whose schools are members of their respective state association shall count for tournament qualification.** Only the first two (2) games against an opponent during the regular season shall count toward CIAC tournament qualification.
- 3.5 The CIAC disqualification rules shall prevail throughout the tournament for team players and coaches.

### 4.0 EXPENSES / TICKETS

- 4.1 **Expenses for playdown, first round and quarter-final games will be borne by the participating teams.** The host team will pay game expenses including officials, and shall provide the Site Director who should be someone other than the coach.
- 4.2 Schools will bear all traveling expenses.

- 4.3 Host schools may charge admission fees during any qualifying, first round or quarter-final round game. If an admission is charged, the host school should notify the principal and athletic director of the visiting school in advance. The monies collected may be used by the host school to defray game expenses. Any monies collected will not be sent to the CIAC.
- 4.4 The CIAC will pay all game expenses directly associated with the staging of the State Semi-finals and State Final tournament games.
- 4.5 Charges for admission for tournament games: (\*Subject to change)  
\$5.00 – Senior citizens (age 65 and older)  
\$5.00 – Students (grades 1-12)  
\$10.00 – Adults (all others not in the above categories)  
Free -- Children five (5) and under  
Free – Military personnel in uniform or with I.D.
- 4.6 During the 2018 tournament, the following passes will be honored at all games where admission is charged.
- a. CIAC complimentary boys lacrosse tournament pass (head boys varsity lacrosse coaches only -- written requests ONLY with a self-addressed envelope)
  - b. Principal (or designee) and Athletic Director of the competing schools
  - c. Gold Pass (retirees and lifetime CIAC)
  - d. Press Card
  - e. CAAD Membership Card
  - f. CIAC Lacrosse Officials Association Membership Card – (Lacrosse Officials ONLY)
  - g. No other complimentary admissions will be permitted

## 5.0 FORFEITS / DISQUALIFICATIONS

- 5.1 Member schools will be required to submit regular season schedules the same as for all sports controlled by CIAC in which member schools participate. Determination of forfeitures will be based on this schedule.
- A forfeit game shall count as a victory for the team declared the winner and a loss for the team declared a loser in determining tournament qualifications and ratings. For tournament qualifications only the following reasons for a forfeit shall be accepted.
- 5.2 A team shall forfeit a game or games if through a violation it is required to do so under the CIAC Rules of Eligibility.
- 5.3 A team shall forfeit a game if the game official declares the game a forfeit as a result of a national Federation High School rule violation, or a team refuses to play after being instructed to do so by the Game Officials.
- 5.4 Forfeitures will be honored by each CIAC sports committee when there is mutual agreement between the principals of the two schools involved in the game not played. Each principal must submit on the official CIAC Cancelled Game—Forfeiture Form his/her decision relative to the status of the game and it must be received in the CIAC office within 72 hours following the time of the scheduled contest. On the eve of a tournament when there is not sufficient time for normal administrative procedures (72 hours) if a question of team forfeiture arises the Executive Director or his designee, in consultation with the Chairman of the sports committee affected and the principals of the two schools will make an appropriate ad hoc decision in consideration of the best interests of the tournament as a whole.



5.5 All games listed on the original schedule and submitted to the CIAC which are not played and have not been forfeited in accordance with this policy, will be considered by each sport committee as No Contest and shall not count for tournament qualification and ratings unless it affects the minimum number of games required to qualify for tournament participation. In this instance the sport committee shall review the evidence submitted by the teams involved and may grant an exception from the minimum game number requirement. The minimum winning percentage as determined by the individual sports committee must be met under all circumstances.

5.6 CIAC ejection and disqualification rules for players and coaches shall be in effect for all games.

## 6.0 OFFICIALS

6.1 By May 16, 2018, each varsity head coach MUST submit via the password-protected online eligibility center a list of EIGHT (8) officials who are tournament caliber officials. At the same time, they may indicate TWO (2) officials whose services they prefer not to have. From this list, a MASTER LIST OF OFFICIALS will be developed.

6.2 The Tournament Director will coordinate the assignment of officials to all tournament games.

6.3 The host school in the playdown, first round and quarter-final games must call their Commissioner of Officials and request that officials be assigned. Each Commissioner will be made aware of this request. **The host school will pay all officials fees through the quarter-final round.**

6.4 The Officials Coordinator will assign officials for all games using the Master List of Officials as the source. Only **regular status officials** will be used in tournament games.

6.5 Identity of the officials assigned games by the Officials Coordinator will not be disclosed prior to the game.

6.6 The Tournament Director will notify the Officials Assigning Commissioner(s) of any changes in scheduled tournament games. Schools failing to follow the proper game change procedures outlined in 2.7 and 2.8 are expected to pay the FULL officials fees.

### 6.7 Officials Assignments

#### 1) **First Round / Qualifying Round(s)**

- a. Two officials will be used for each game.
- b. Site of the higher ranked team will decide the team of officials.

#### 2) **Quarter-finals**

- a. Three officials will be used for each game.
- b. Site of the higher ranked team will decide the team of two (2) officials and the visitor's team section – one (1) official.

#### 3) **Semi-finals**

- a. If two teams in the same section are involved, a team of two (2) officials from the same section will be selected and one (1) official from the opposite section.
- b. If teams are from different sections, officials will be assigned using the following "FINALS" formula.

#### 4) **Finals**

- a. Teams of three (3) officials and one (1) alternate will be used for the championship game in all divisions.
- b. **Even Year** – The WCLOA will supply teams of two (2) officials for each of the championship games.

The CLOA will supply one (1) official for each of the championship games and one (1) alternate official.

**Odd Year** – On odd years the reverse procedure will be used to assign the officials teams.

- c. The selection of officials will be made by the game assignor from the WCLOA and CLOA Officials Associations and the Tournament Director. The officials selected will be made from those nominated by the head lacrosse coaches.

#### 7.0 **PROTESTS**

- 7.1 Each sports committee will establish a Protest Committee whose purpose will be to adjudicate all protests relating to the operation of the tournament, including the application and administration of tournament regulations. National Federation or CIAC game rule interpretations and game judgments by the game officials cannot be protested. The Protest Committee for each sport shall consist of the Associate Executive Director for CIAC, the Chairman of the Tournament Committee, Administrative Member of the Sports Committee, the Tournament Director, and the Coaches' Chairman on the Sport Committee. All Protest Committee decisions are appealable to the CIAC Board of Control as provided in the CIAC by-laws.
- 7.2 On the eve of a tournament game when there is not sufficient time for normal administrative procedures and Board of Control hearings, if a question of interpretation of tournament regulations or the operation of the tournament arises, the Chairman of the CIAC Board of Control, the Executive Director of CIAC, and the Chairman of the Tournament Committee in question will make an appropriate ad hoc decision in consideration of the best interest of the tournament as a whole.
- 7.3 The record of the official scorekeeper at the conclusion of the contest is final unless an error is discovered. Such error shall be corrected as covered by specific contest rules.
- 7.4 **DECISION BY GAME OFFICIALS – PROTESTS ARISING FROM THE DECISIONS, INTERPRETATIONS AND MISAPPLICATION OF THE NATIONAL FEDERATION HIGH SCHOOL LACROSSE OR CIAC GAME RULES BY OFFICIALS DURING THE CONTEST WILL NOT BE CONSIDERED. THE DECISIONS AND INTERPRETATIONS OF THE RULES BY THE OFFICIALS ARE FINAL.**
- 7.5 **ANY TEAM LEAVING THE CONTEST AREA BEFORE THE CONCLUSION OF THE CONTEST BECAUSE OF DISSATISFACTION WITH THE OFFICIATING WILL FORFEIT THE GAME AND RENDER THE SCHOOL LIABLE TO DISCIPLINARY ACTION BY THE CONFERENCE.**

## 8.0 RANKING / SEEDING

8.1 Teams will be seeded by won/loss percentage. Seeding ties will be broken based on:

- 1) Head-to-head (2 teams only)
- 2) Most regular season wins
- 3) The team with the highest rating number calculated as follows:  
\*Two (2) points will be awarded for each regular season victory by all opponents you defeated during the regular season. (Double the points for opponents you defeated twice during the regular season.)
- 4) By lot

## 8.2 Tournament Format

- a. If MORE than sixteen (16) teams qualify, teams will play off in a qualifying round.
- b. If LESS than sixteen (16) teams qualify, byes in the first round will be assigned starting with the top seed on down.

16 @ 1	13 @ 4	10 @ 7
15 @ 2	12 @ 5	9 @ 8
14 @ 3	11 @ 6	

10

8.3 **Ranking and pairings information will be distributed via the CIAC web site – [www.ciacsports.com](http://www.ciacsports.com) – on Thursday, May 24, 2018. QUALIFYING ROUND TEAMS WILL BE NOTIFIED IN ADVANCE.**

## 9.0 SUPERVISION / SPORTSMANSHIP

- 9.1 Players and coaches disqualified in a game will be required to serve the additional penalty as outlined in the CIAC regulation on “disqualification”.
- 9.2 In the interest of crowd control and proper supervision the CIAC Board of Control has approved the tournament regulation requiring the principal of the participating schools or his/her designee to attend all tournament games. The school administrator should identify him/herself to the Site Director.
- 9.3 When a member school’s coach is ejected from a game for an infraction as prescribed the rules, the game may not continue until the member school replaces the ejected coach with a certified coach. If this cannot be accomplished within 15 minutes after the ejection, the official-in-charge will declare a forfeit win for the opposing team.
- 9.4 Use of tobacco products or possession of alcoholic beverages of any kind, including champagne, are not permitted on the field of play, or within the field or park at which a tournament game is scheduled. Many towns, or fields which we use have local ordinances prohibiting use of tobacco products or possession of alcoholic beverages. The principal or his/her designee at the game shall see that this rule is enforced and adhered to by the teams.

## 9.5 Bench and Field Conduct

**Personnel** – Only coaches, players, other team members, statisticians, managers and trainers will be allowed in the bench area.

**Conduct** – The above identified personnel shall not be outside the vicinity of the designated bench area.

- 9.6 Team members in uniform, coaches, managers and up to 20 cheerleaders accompanying the team will be admitted free-of-charge to each game. Bands and other musical groups, noisemakers that might interfere with the performance of the game, and banners or streamers are prohibited. Each school principal and athletic director is responsible for compliance with this regulation.

## 10.0 TOURNAMENT RULES / PROCEDURES

- 10.1 **The home team must provide FOUR “BALL PERSONS” WITH HELMETS for each tournament game. Each team will provide two ball persons if the game is played at a neutral site. No ball people should be behind the goal.**
- 10.2 In all cases where a coin toss may be required, **the higher ranked team** will have the privilege of call on the coin.
- 10.3 Entering schools are reminded that in the event of severely inclement weather, it may be necessary to play the lacrosse FINALS on Sunday afternoon, June 10, 2018. The game may not start before 12:30 p.m.
- 10.4 By state adoption, in CIAC tournament play, a game suspended either in the first half or the second half will be continued from the point of suspension with the score the same as when the game was suspended.
- 10.5 **CIAC Late Entry Policy**
- No tournament entries will be accepted after the established deadline except those approved by the CIAC Board of Control.
  - Corrections requested by a school to an entry form that was submitted by the established deadline but prior to seeding/pairing data being published on the web site, will be assessed a fee of \$50 per correction to a maximum of \$250.
  - All requests for corrections must be submitted on a support ticket via the online eligibility center. No phone request will be considered.

**Tournament Regulations Violations** – If a school fails to comply with tournament regulations which requires the CIAC tournament sports committee, central office staff, or the CIAC Board of Control to redo any portion of the tournament pairings or such non-compliance adversely impacts the management of the tournament, an administrative violation fee of \$500 will be imposed upon the school before entry into the tournament will be allowed.

- 10.6 CIAC tournament terminated games not covered by CIAC tournament rules or NFHS lacrosse rules will be resolved by the CIAC.
- 10.7 **Awards** – Winning and runner-up team plaques will be presented at final games. Medals will be awarded to each member of these two teams.
- |            |           |
|------------|-----------|
| L Division | 45 medals |
| M Division | 45 medals |
| S Division | 45 medals |
- 10.8 In the event of any situation not covered in these rules, the decision of the Lacrosse Committee or its representatives shall be final.

## 11.0 RESPONSIBILITY OF TOURNAMENT SITE DIRECTORS

It shall be the duty of the Site Director to see that the following facilities are available well in advance of the start of the game.

- 11.1 The field should be freshly lined, following official dimensions with field markings in agreement with the most recent National Federation high school rule book. Corner, mid-line, tables and markers, are to be in place and each goal should be provided with a playable net.
- 11.2 A restraining barrier of some sort should be placed to keep spectators at least fifteen feet from the playing surface at all points. Only properly equipped ball persons shall be allowed behind the goals. In most cases crowd ropes will be considered suitable.
- 11.3 A scorer, an ADULT timer and an ADULT penalty timer will be provided by the site director and a sufficiently large scorer's and timer's table with bench or chairs will be made available for the game.
- 11.4 Suitable timing devices – the conventional time clock and air horn will be available to signal the start and expiration of playing time and appropriate substitutions.
- 11.5 Sufficient security personnel as may be deemed necessary will be on duty to control the anticipated crowd AND PROVIDE FOR THE SAFETY OF THE GAME OFFICIALS.
- 11.6 **The CIAC will arrange for athletic trainer/medical services at all semi-final and final games, ONLY WHEN THE PARTICIPATING SCHOOLS CANNOT PROVIDE THEM. Higher seeded teams shall provide athletic trainer services up through the quarter-final games.**
- 11.7 Suitable benches and drinking water should be provided for players. If a request is made, dressing facilities should be provided for any team which has more than fifteen miles to travel.
- 11.8 In the event that a field is absolutely unfit for play because of excessive water, the tournament director should be notified as soon as possible. (After a rain most fields may not be perfectly dry, but yet would be suitable for play.)
- 11.9 The scores of tournament games will be telephoned to the tournament director immediately at the conclusion of the game.
- 11.10 All monies collected at the site along with ticket accountability should be sent to CIAC, 30 Realty Drive, Cheshire, CT 06410. For accountability purposes (and for your records) payment (of all monies collected) to CIAC should be made by check (school/central office check). A list of expenses which includes all fees should accompany the check so the CIAC may then be able to make payment by check.
- 11.11 Teams members, coaches, manager and up to 20 cheerleaders accompanying the team will be admitted free of charge to each game.

## 12.0 RESPONSIBILITIES OF TOURNAMENT COACHES

Coaches check the following items with each other:

- 12.1 Directions how to reach field.
- 12.2 All weekday games to start as outlined – Section 2.6
- 12.3 The higher ranked team is required to supply twenty (20) official white game balls. **If a game is played at a neutral site, each team provides six (6) balls at their end, two (2) opposite their benches and two (2) at the table. Total of ten (10)**
- 12.4 The higher ranked team shall wear light colored jerseys.

- 12.5 **When games are played at neutral sites, each team will provide two (2) ball persons.**
- 12.6 Visiting teams arrange and pay for busses.
- 12.7 Games to be played on home field of the higher ranked team in the pairings unless the home field is not a minimum of 53-1/3 x 110 yards, or cannot be secured to collect gate receipts.
- 12.8 **Home team must call in scores to Tournament Director, at the conclusion of the game.**
- 12.9 Coaches are requested to inform all site directors to honor the special game passes which are issued to Lacrosse Committee members who will act as observers during the tournament.
- 12.10 **Before a Game** – Arrive in adequate time with your team. Stay with your players at all times during the pre-game period.
- 12.11 **During A Game** – Conduct yourself (and assistants) as gentlemen at all times. Set a good example for your players and followers. Do not engage in theatrics or unsportsmanlike conduct of any type that might tend to incite your fans to bad behavior.
- 12.12 **After a Game** – Escort your team as a group from the playing surface to your assigned locker room. Stay with them in the locker room to see that all is well, win or lose. Accompany players (and any other personnel) to the bus. Travel back with them to your school.
- 12.13 Coaches and officials by the very nature of their positions exert a tremendous influence over the control of a game. This influence on the game must be exerted in a most positive manner by showing a complete respect for all official judgment calls and interpretations.
- 12.14 Although most of you have the situation well under control with your student-athletes, alcohol has shown up on the field after some championship games (brought in by spectators, but nonetheless, on the field). A word from you prior to the game to your athletes may be enough to control this situation and avoid embarrassing the team and tainting their achievement.
- 12.15 **No coach should make negative comments to the media regarding the officials. Public criticism of officials is unethical and contrary to CIAC rules.**

### 13.0 **RESPONSIBILITIES FOR TOURNAMENT ATHLETIC DIRECTORS**

- 13.1 **Before a Game** – Arrange the ticket sales to students and adults at his/her school if there is an advance sale. Make a report of this ticket sale to the Site Director. Return any unsold tickets and a check (payable to CIAC) to Site Director well before game time.

Announce and/or publish directions for getting to the game site through local media and announce same over the school intercom.

Arrange for transportation for the team, cheerleaders and spectators from his/her school.

Cooperate with your Principal and other school administrators in briefing and educating the student body about proper behavior and good sportsmanship at tournament games.

The Athletic Director and/or his/her designated representative shall arrive at the game site well in advance of the game time and identify him/herself to the Site Director and confer with him/her as to the game-to-be. An identifying badge or tag may be issued.

- 13.2 **During a Game** – Sit strategically where the conduct of your coach(s), team and students can be observed. Be alert for any disruptive acts or potential trouble and do all you can to aid the Site Director in such a case.
- 13.3 **After a Game** – Stay afterward long enough to make certain, and satisfy yourself, that your team, coaches, cheerleaders, students, etc., are safely off the playing field and out of the building.

#### 14.0 LACROSSE CALENDAR

March 17	(Saturday)	First day of practice
March 31	(Saturday)	First regular season game day
May 16	(Wednesday)	Officials tournament selection via password-protected online eligibility center
May 18	(Friday)	Completed tournament roster due via password-protected online eligibility center
May 23	(Wednesday)	Last regular season game to count for state tournament
May 24	(Thursday)	Ranking and pairings will be distributed to the competing schools via the CIAC web site – <a href="http://www.ciacsports.com">www.ciacsports.com</a> – Possible qualifying round games
May 26	(Saturday)	Qualifying Round – (Can be played on Friday, May 25, by mutual agreement)
May 30	(Wednesday)	First Round
June 2	(Saturday)	Quarter-finals
June 6	(Wednesday)	Semi-finals
June 9	(Saturday)	Finals – (Rain date – June 10)
September		Annual Lacrosse Committee Meeting – TBA

#### 15.0 2017-18 BOYS LACROSSE COMMITTEE

Ralph Mayo – Eastern Middle School – Chair	(203) 698-6001
James Wygonik – Old Lyme High School	(860) 434-1651
Scott Rohwedder, AP, New Fairfield High School	(203) 312-5794

##### **Coaches:**

Brian White, Guilford High School	(203) 453-2741
Rich Pulisciano – Cheshire High School	(203) 317-0025
Brian Adkins – Foran High School, Milford	(203) 285-4422

##### **Athletic Directors:**

Doug Marchetti, Norwalk High School	(203) 838-4481 x 13345
Jake Jarvis – Guilford High School	(203) 453-2741 x 222

##### **Consultants:**

David Leete – Tournament Director	H - (860) 742-1128 / W – (860) 742-1315 / C – (860) 424-2694
John Hackett – Officials	H – (860) 647-0508 / W – (860) 648-5000 / C – (860) 212-2673
Ralph Baldelli – Officials	H – (203) 746-6555 / C – (203) 417-8079

## APPENDIX A

### **2018 Boys Lacrosse Tournament Roster**

Due May 18, 2018 via the password-protected online eligibility center

The final date to count for tournament play is Wednesday, May 23, 2018 – ALL GAMES MUST BE SUBMITTED via the Online Eligibility Center, the “submit scores/forms” option of the “CIAC for Coaches” menu at ciacsports.com, or the “submit scores” button in our ciacmobile.com mobile site. Entering scores at ciacsports.com or ciacmobile.com requires either a coaches or scorekeeper’s access code, those codes are managed via the Online Eligibility Center and can be retrieved from a school’s athletic director.

Roster – Any number of eligible players may be used.

Schools will bear their own transportation expenses. All games will be played according to National Federation High School lacrosse Rules. Games that are postponed or suspended shall be played on the next available date (excluding Sundays). Postponed or suspended FINAL games shall be played on Sunday.

All varsity games vs CIAC member schools and out-of-state games whose schools are members of their respective state association shall be considered for tournament qualification. Teams must play a minimum of ten (10) games and have a winning percentage of 40%. Games played with non-CIAC member schools will not count toward tournament play. Only the first two games against any opponent shall count for CIAC tournament qualification.

List size of home field (Width / Length) -- Minimum field is 53-1/3 x 110 yards  
List condition of field for tournament play -- Excellent / Good / Fair / Poor / Lights  
Location or name of field if other than high school field

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## APPENDIX B

### **Tournament Officials Selection**

Due May 16, 2018 via the password-protected online eligibility center. A master list of lacrosse officials will be drawn up by the Tournament Director.

List eight (8) officials considered by the coach to be most qualified to work tournament games. Include the officials board. If you list less than eight, the Tournament Director will assign from the Master List. You may also list two (2) officials whose services you prefer NOT to have.



**APPENDIX C**  
**Connecticut State Department of Education and the**  
**Connecticut Interscholastic Athletic Conference**  
**Concussion and Head Injury**  
**Annual Review 2017-18**  
**Required for ALL School Coaches in Connecticut**

**NOTE:** This document was developed to provide coaches with an annual review of current and relevant information regarding concussions and head injuries. In addition to reviewing this form, the annual review must include one of the following prescribed resources: Connecticut Concussion Task Force video, Centers for Disease Control and Prevention (CDC) Heads Up Concussion in Youth Sports training course or the National Federation of State High School Associations (NFHS) concussion training course. Links to these resources can be found at: <http://concussioncentral.ciaasports.com/>. A new form is required to be read, signed, dated and kept on file by their associated school district annually to comply with Connecticut General Statutes (C.G.S.) Chapter 163, Section 149b: *Concussions: Training courses for coaches. Education plan. Informed consent form. Development or approval by the State Board of Education.*

**What is a Concussion?** -- Centers for Disease Control and Prevention (CDC) - “A concussion is a type of traumatic brain injury, or TBI, caused by a bump, blow, or jolt to the head that can change the way your brain normally works. Concussions can also occur from a blow to the body that causes the head to move rapidly back and forth.” -CDC, Heads Up: Concussion [http://www.cdc.gov/headsup/basics/concussion\\_what.html](http://www.cdc.gov/headsup/basics/concussion_what.html)

*Even a “ding,” “getting your bell rung,” or what seems to be mild bump or blow to the head can be serious”* -CDC, Heads Up: Concussion Fact Sheet for Coaches [http://www.cdc.gov/concussion/HeadsUp/pdf/Fact\\_Sheet\\_Coaches-a.pdf](http://www.cdc.gov/concussion/HeadsUp/pdf/Fact_Sheet_Coaches-a.pdf)

**Section 1. Concussion Education Plan Summary**

The [Concussion Education Plan and Guidelines for Connecticut Schools](http://www.sde.ct.gov/sde/cwp/view.asp?a=2663&q=335572) was approved by the Connecticut State Board of Education in January 2015. Below is an outline of the requirements of the Plan. The complete document is accessible on the CSDE Web site: <http://www.sde.ct.gov/sde/cwp/view.asp?a=2663&q=335572>

State law requires that each local and regional board of education must approve and then implement a concussion education plan by using written materials, online training or videos, or in-person training that addresses, at a minimum the following:

1. The recognition of signs or symptoms of concussion.
2. The means of obtaining proper medical treatment for a person suspected of sustaining a concussion.
3. The nature and risks of concussions, including the danger of continuing to engage in athletic activity after sustaining a concussion.
4. The proper procedures for allowing a student athlete who has sustained a concussion to return to athletic activity.
5. Current best practices in the prevention and treatment of a concussion.

**Section 2. Signs and Symptoms of a Concussion: Overview**

**A concussion should be suspected if any one or more of the following signs or symptoms are present, or if the coach/evaluator is unsure, following an impact or suspected impact as described in the CDC definition above.**

**Signs of a concussion may include (i.e. what the athlete displays/looks like to an observer):**

- |   |  |
|---|--|
| • Confusion/disorientation/irritability | • Acts silly/combatative/aggressive        |
| • Trouble resting/getting comfortable   | • Repeatedly ask same questions            |
| • Lack of concentration                 | • Dazed appearance                         |
| • Slow response/drowsiness              | • Restless/irritable                       |
| • Incoherent/ slurred speech            | • Constant attempts to return to play      |
| • Slow/clumsy movements                 | • Constant motion                          |
| • Loses consciousness                   | • Disproportionate/inappropriate reactions |
| • Amnesia/memory problems               | • Balance problems                         |

**Symptoms of a concussion may include (i.e. what the athlete reports):**

- |                            |  |
|----------------------------|--|
| • Headache or dizziness    | • Oversensitivity to sound/light/touch |
| • Nausea or vomiting       | • Ringing in ears                      |
| • Blurred or double vision | • Feeling foggy or groggy              |

State law requires that a coach MUST immediately remove a student-athlete from participating in any intramural or interscholastic athletic activity who: a) is observed to exhibit signs, symptoms or behaviors consistent with a concussion following a suspected blow to the head or body, or b) is diagnosed with a concussion, regardless of when such concussion or head injury may have occurred.

Upon removal of the athlete, a qualified school employee must notify the parent or legal guardian within 24 hours that the student athlete has exhibited signs and symptoms of a concussion.

### **Section 3. Return to Play (RTP) Protocol Overview**

Currently, it is impossible to accurately predict how long an individual's concussion will last. There must be full recovery before a student-athlete is allowed to resume participating in athletic activity. Connecticut law now requires that no athlete may resume participation until they have received written medical clearance from a licensed health care professional (physician, physician assistant, advanced practice registered nurse (APRN), athletic trainer) trained in the evaluation and management of concussions.

#### ***Concussion Management Requirements:***

1. No athlete SHALL return to participation in the athletic activity on the same day of concussion.
2. If there is any loss of consciousness, vomiting or seizures, the athlete MUST be immediately transported to the hospital.
3. Close observation of an athlete MUST continue following a concussion. The athlete should be monitored for an appropriate amount of time following the injury to ensure that there is no worsening/escalation of symptoms.
4. Any athlete with signs or symptoms related to a concussion MUST be evaluated by a licensed health care professional (physician, physician assistant, advanced practice registered nurse (APRN), athletic trainer) trained in the evaluation and management of concussions.
5. The athlete MUST obtain an initial written clearance from one of the licensed health care professionals identified above directing her/him into a well-defined RTP stepped protocol similar to the one outlined below. If at any time signs or symptoms return during the RTP progression, the athlete should cease activity\*.
6. After the RTP protocol has been successfully administered (no longer exhibits any signs or symptoms or behaviors consistent with concussions), final written medical clearance is required by one of the licensed health care professionals identified above for the athlete to fully return to unrestricted participation in practices and competitions.

#### ***Medical Clearance RTP protocol (Recommended one full day between steps)***

Rehabilitation stage	Functional exercise at each stage of rehabilitation	Objective of each stage
1. No activity	Complete physical and cognitive rest until asymptomatic. School may need to be modified.	Recovery
2. Light aerobic exercise	Walking, swimming or stationary cycling maintaining intensity, <70% of maximal exertion; no resistance training	Increase Heart Rate
3. Sport specific exercise No contact	Skating drills in ice hockey, running drills in soccer; no head impact activities	Add Movement
4. Non-contact sport drills	Progression to more complex training drills, ie. passing drills in football and ice hockey; may start progressive resistance training	Exercise, coordination and cognitive load
5. Full contact sport drills	Following final medical clearance, participate in normal training activities	Restore confidence and assess functional skills by coaching staff
6. Full activity	No restrictions	Return to full athletic participation

\* If at any time signs or symptoms should worsen during the RTP progression the athlete should stop activity that day. If the athlete's symptoms are gone the next day, she/he may resume the RTP progression at the last step completed in which no symptoms were present. If symptoms return and don't resolve, the athlete should be referred back to her/his medical provider.

### **Section 4. Local/Regional Board of Education Policies Regarding Concussions**

*****	Attach local or regional board of education concussion policies	*****
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**I have read and understand this document and have viewed the prescribed resource material. I understand that state law requires me to immediately remove any player suspected of having a concussion and to not allow her/him to return to participation until she/he has received written medical clearance by a licensed health care professional trained in the evaluation and management of concussions.**

- References:**
1. NFHS. Concussions. 2008 NFHS Sports Medicine Handbook (Third Edition). 2008: 77-82. [http://www.nfhs.org/http://journals.lww.com/cjsportsmed/Fulltext/2009/05000/Consensus\\_Statement\\_on\\_Concussion\\_in\\_Sport\\_3rd.1.aspx](http://www.nfhs.org/http://journals.lww.com/cjsportsmed/Fulltext/2009/05000/Consensus_Statement_on_Concussion_in_Sport_3rd.1.aspx).
  2. Centers for Disease Control and Prevention. *Heads Up: Concussion in High School Sports*. [http://www.cdc.gov/NCIPC/tbi/Coaches\\_Tool\\_Kit.htm](http://www.cdc.gov/NCIPC/tbi/Coaches_Tool_Kit.htm).
  3. CIAC Concussion Central - <http://concussioncentral.ciacsports.com/>

#### **Resources:**

Centers for Disease Control and Prevention. *Injury Prevention & Control: Traumatic Brain Injury*. <http://www.cdc.gov/TraumaticBrainInjury/index.html>

Centers for Disease Control and Prevention. *Heads Up: Concussion in High School Sports Guide for Coaches*. Retrieved on June 16, 2014.

## APPENDIX D

### HEAT STRESS AND ATHLETIC PARTICIPATION

Some sports are conducted in very hot and humid weather in many parts of the United States. This can lead to heat-related illnesses. Heatstroke deaths are fully preventable in high school sports if the proper precautions are taken.

During hot weather conditions the athlete is subject to the following:

**HEAT CRAMPS** – HEAT CRAMPS ARE A MILD HEAT ILLNESS THAT CAN BE EASILY TREATED. These intense muscle spasms usually develop after an athlete has been exercising for a while and has lost large amounts of fluid and salt from sweating.

**HEAT SYNCOPE** – Weakness, fatigue and fainting due to loss of salt and water in sweat and exercise in the heat.

**HEAT EXHAUSTION** – Heat exhaustion is a moderate heat illness that occurs when a child continues to be physically active even after he or she starts suffering from ill effects of the heat, like dehydration. The child's body struggles to keep up with the demands, leading to heat exhaustion.

**HEAT STROKE** – Heat stroke is a severe heat illness that occurs when an athlete's body creates more heat than it can release, due to the strain of exercising in the heat. This results in a rapid increase in core body temperature, which can lead to permanent disability or even death if left untreated. An acute medical emergency related to thermo-regulatory failure, associated with nausea, seizures, disorientation, and possible unconsciousness or coma. It may occur suddenly without being preceded by any other clinical signs. The individual is usually unconscious with a high body temperature and a hot dry skin (heatstroke victims, contrary to popular belief, may sweat profusely).

It is believed that the above-mentioned heat stress problems can be controlled provided certain precautions are taken. The following practices and precautions are recommended:

1. Each athlete should have a physical exam with a medical history when first entering a program and an annual health history update. History of previous heat illness and type of training activities before organized practice begins should be included. State high school association's recommendations should be followed.
2. It is clear that top physical performance can only be achieved by an athlete who is in top physical condition. Lack of physical fitness impairs the performance of an athlete who participates in high temperatures. Coaches should know the **PHYSICAL CONDITION** of their athletes and set practice schedules accordingly.
3. Along with physical conditioning, the factor of acclimatization to heat is important. Acclimatization is the process of becoming adjusted to heat and it is essential to provide for **GRADUAL ACCLIMATIZATION TO HOT WEATHER**. It is necessary for an athlete to exercise in the heat if he/she is to become acclimatized to it. It is suggested that a graduated physical conditioning program be used and that 80% acclimatization can be expected to occur after the first 7 to 10 days. Final stages of acclimatization to heat are marked by increased sweating and reduced salt concentration in the sweat.
4. The old idea that water should be withheld from athletes during workouts has **NO SCIENTIFIC FOUNDATION**. The most important safeguard to the health of the athlete is the replacement of water. Water must be on the field and readily available to the athletes at all times. It is recommended that a minimum ten minute water break be scheduled for every twenty minutes of heavy exercise in the heat. Athletes should rest in a shaded area during the break. **WATER SHOULD BE AVAILABLE IN UNLIMITED QUANTITIES**. Check and be sure athletes are drinking the water.

5. Replacement by thirst alone is inadequate. Test the air prior to practice or game using a wet bulb, globe, temperature index (WBGT index) which is based on the combined effects of air temperature, relative humidity, radiant heat and air movement. The following precautions are recommended when using the WBGT Index: (ACSM's Guidelines for the Team Physician, 1991)

Below 65 .....	Unlimited activity	73-82 .....	High risk
65-73 .....	Moderate risk	82-plus .....	Very high risk

There is also a weather guide for activities that last 30 minutes or more (Fox and Mathews, 1981) which involves knowing the relative humidity and air temperature.

Air Temp	Danger Zone	Critical Zone	RH = Relative Humidity
70F	80% RH	100% RH	
75F	70% RH	100% RH	
80F	50% RH	80% RH	
85F	40% RH	68% RH	
90F	30% RH	55% RH	
95F	20% RH	40% RH	
100F	10% RH	30% RH	

One other method of measuring the relative humidity is the use of a sling psychrometer, which measures wet bulb temperature. The wet bulb temperature should be measured prior to practice and the intensity and duration of practice adjusted accordingly. Recommendations are as follows:

Under 60F	Safe but always observe athletes
61 - 65F	Observe players carefully
66 - 70F	Caution
71 - 75F	Shorter practice sessions and more frequent water and rest breaks
75 plus F	Danger level and extreme caution

6. Cooling by evaporation is proportional to the area of the skin exposed. In extremely hot and humid weather reduce the amount of clothing covering the body as much as possible. **NEVER USE RUBBERIZED CLOTHING.**
7. Athletes should weight each day before and after practice and **WEIGHT CHARTS CHECKED.** Generally a three percent weight loss through sweating is safe and over a three percent weight loss is in the danger zone. Over a three percent weight loss the athlete should not be allowed to practice in hot and humid conditions. Observe the athletes closely under all conditions. **Do not allow athletes to return to practice until they have adequately replaced their weight from fluid loss.**
8. Observe athletes carefully for signs of trouble, particularly athletes who lose significant weight and the eager athlete who constantly competes at his/her capacity. Some trouble signs are nausea, incoherence, fatigue, weakness, vomiting, cramps, weak rapid pulse, visual disturbance and unsteadiness.
9. Teams that encounter hot weather during the season through travel or following an unseasonably cool period, should be physically fit, but will not be environmentally fit. Coaches in this situation should follow the above recommendations and substitute more frequently during games.
10. Know what to do in case of an emergency and have your emergency plans written with copies to all your staff. Be familiar with immediate first aid practice and prearranged procedures for obtaining medical care, including ambulance service.

11. Parents' and Coaches' Guide to Dehydration and Other Heat Illnesses in Children  
<http://www.nata.org/consumer/docs/parentandcoachesguide.pdf>

**HEAT STROKE – THIS IS A MEDICAL EMERGENCY – DELAY COULD BE FATAL. ACTIVATE YOUR EMERGENCY ACTION PLAN BY CALLING – 911.**

**A rectal temperature not oral, aural, or temporal is diagnostic of heatstroke.** Other methods of temperature have given false core body temperatures and caused delay in care. If you are unable to obtain a rectal temperature it is safer to cool the athlete then delay. **Immediately cool the athlete while waiting for transfer to a hospital.** Remove equipment and immerse body in ice cold water and keep cooling athlete.

Despite the many ways athletes can be cooled, immersion therapy has the best cooling rates. Ice water immersion should be your choice of cooling. A plastic kiddie pool or large plastic tub filled with water and with ice on stand-by should be available at all practices and games. Continue cooling efforts until EMS arrives. Recommendation is to continue cooling the athlete until core temperature is <100 degrees Fahrenheit.

**HEAT EXHAUSTION – CONTACT LICENSED HEALTH CARE PROVIDER.** Cool body as you would for heat stroke while waiting for medical personnel. Activate your emergency action plan.

**SUMMARY** – The main problem associated with exercising in the hot weather is water loss through sweating. Water loss is best replaced by allowing the athlete unrestricted access to water. Water breaks two or three times every hour are better than one break an hour. Probably the best method is to have water available at all times and to allow the athlete to drink water whenever he/she needs it. Never restrict the amount of water an athlete drinks, and be sure the athletes are drinking the water. The small amount of salt lost in sweat is adequately replaced by salting food at meals. Talk to your medical personnel concerning emergency treatment plans. Athletes that appear to have heat stroke or heat exhaustion should be cooled by ice water immersion.

## **RECOMMENDATIONS FOR HYDRATION TO PREVENT HEAT-RELATED ILLNESS**

### **Types of Sports Drinks**

#### **Fluid Replacers**

Examples: Water, Gatorade, Powerade, 10K, Quickkick, Max

These non-water carbohydrate containing drinks are absorbed quickly and typically are used for activities lasting more than an hour.

#### **Carbohydrate loaders**

Examples: Gatorlode, Exceed High, Carboplex, etc.

These drinks replace more muscle glycogen to enhance greater endurance.

They should be used after ultra-endurance events to increase muscle glycogen resynthesis after exercise.

#### **Nutrition Supplements**

Examples: Chocolate milk, Gatorpro, Exceed Sports, Ultra Energy, etc.

These supplements are fortified with vitamins and minerals and they help athletes maintain a balanced diet.

They help restore muscle glycogen stores after exercise.

They provide extra calories for athletes beyond a proper balanced diet.

### **What Not to Drink**

Drinks with carbohydrate (CHO) concentrations of greater than eight percent can cause upset stomach due to high carbohydrate load and delay water absorption.

Fruit juices, CHO gels, sodas, and sports drinks that have a CHO greater than six to eight percent are not recommended during exercise as sole beverages.

Beverages containing caffeine will effect hydration since urine production will increase compared to non-caffeinated beverages.

Carbonated beverages are found to cause decreased voluntary fluid intake.

Alcoholic beverages are inappropriate for high school athletes.

### **Hydration Tips and Fluid Guidelines**

Drink according to a schedule based on individual fluid needs.

Drink before, during and after practices and games.

Drink 17-20 ounces of water or sports drinks with six to eight percent CHO, two to three hours before exercise.

Drink 7-10 ounces of water or sport drink 10 to 20 minutes before exercise.

Drink early – By the time you're thirsty, you're already dehydrated.

In general, every 10-20 minutes drink at least 7-10 ounces of water or sports drink to maintain hydration, and remember to drink beyond your thirst.

Drink fluids based on the amount of sweat and urine loss.

Within two hours, drink enough to replace any weight loss from exercise.

Drink approximately 20-24 ounces of sports drink per pound of weight loss.

Dehydration usually occurs with a weight loss of two percent of body weight or more.

### **What to Drink During Exercise**

If exercise lasts more than 50 minutes, a sports drink should be provided during the session.

The carbohydrate concentration in the ideal fluid replacement solution should be in the range of six to eight percent CHO

During events when a high rate of fluid intake is necessary to sustain hydration, sports drinks with less than seven percent CHO should be used to optimize fluid delivery. These sports drinks have a faster gastric emptying rate and fluid absorption rate, thus aid in hydration. Sports drinks with a CHO content of 10 percent have a slow gastric emptying rate and should be avoided during exercise. Fluids with salts (sodium chloride, potassium chloride) are beneficial to increasing thirst and voluntary fluid intake as well as offsetting the small amount of salts lost with water. Salts should never be added to drinks, and salt tablets should be avoided, because they lead to slower gastric absorption. Cool beverages at temperatures between 50 to 59 degrees Fahrenheit are recommended for best results with fluid replacement.

### **Dehydration, Its Effects on Performance, and Its Relationship to Heat Illness**

Dehydration can affect an athlete's performance in less than an hour of exercise. Sooner if the athlete begins the session dehydrated. Dehydration of just one to two percent of body weight (only 1.5-3 lbs., for a 150-pound athlete) can negatively influence performance. Dehydration of greater than three percent of body weight increases an athlete's risk of heat illness (heat cramps, heat exhaustion, heat stroke). High body fat athletes can have a harder time with exercise and can become dehydrated faster than lower body fat athletes working out under the same environmental conditions. Poor acclimatization to heat or lower fitness levels can greatly contribute to an athlete's dehydration problems. This is important with the first practices of year, especially in the summer. Certain medications or fevers can greatly affect an athlete's hydration status. Environmental temperature and humidity both contribute to dehydration and heat illnesses. Clothing, such as dark, bulky, or rubber protective equipment can drastically increase the chance of heat illness and dehydration. Wet bulb globe temperature measurements should be taken 10-15 minutes before practice, and the results should be used with a heat index to determine if practices or contests should be started, modified or stopped.

A Heat Index chart should come from a reputable source like the National Oceanic and Atmospheric Association, or National Athletic Trainers Association. A relative humidity of greater than 40 percent and a temperature of 90 degrees Fahrenheit are likely to cause heat illness, extreme caution should be used. A relative humidity of 80 percent and a temperature of 84 degrees Fahrenheit are likely to cause heat illness, extreme caution should be used. A relative humidity of 80 percent and 90 degrees Fahrenheit are likely to cause heat stroke and these conditions are considered dangerous.  
<http://www.weather.gov/om/heat/heatindex.shtml>