Licensed Health Care Provider Concussion Return-To-Learn Recommendations

Licensed Health Care Providers (LHCP) are **STRONGLY ENCOURAGED** by the NCHSAA to have expertise and training in concussion management. LHCPs include the following individuals: Licensed Physician (MD/DO), Licensed Athletic Trainer (LAT), Licensed Physician Assistant (PA), Licensed Nurse Practitioner (NP), or Licensed Neuropsychologist.

Name of Athlete: _____ **DOB:** _____ **Date:** _____

Following a concussion, most individuals typically need some degree of cognitive and physical rest to facilitate and expedite recovery. Activities such as reading, watching TV or movies, playing video games, working/playing on the computer and/or texting require cognitive effort and can worsen symptoms during the acute period after concussion. Navigating academic requirements and a school setting present a challenge to a recently concussed student-athlete. A Return-To-Learn policy facilitates a gradual progression of cognitive demand for student-athletes in a learning environment. Licensed Health Care Providers should consider whether academic and school modifications may help expedite recovery and lower symptom burden. It is important to the review academic/school situation for each student athlete and identify educational accommodations that may be beneficial.

Educational accommodations that may be helpful are listed below.

Return to school with the following supports:

Length of Day

__ Shortened day. Recommended ____ hours per day until re-evaluated or (date) _____.
__ ≤ 4 hours per day in class (consider alternating days of morning/afternoon classes to maximize class participation)
__ Shortened classes (i.e. rest breaks during classes). Maximum class length of _____ minutes.
__ Use _____ class as a study hall in a quiet environment.
__ Check for the return of symptoms when doing activities that require a lot of attention or concentration.

Extra Time

__ Allow extra time to complete coursework/assignments and tests.
__ Take rest breaks during the day as needed (particularly if symptoms recur).

Homework

__ Lessen homework by _____ % per class, or _____ minutes/class; or to a maximum of _____ minutes nightly, no more than _____minutes continuous.

Testing

__ No significant classroom or standardized testing at this time, as this does not reflect the patient's true abilities.
__ Limited classroom testing allowed. No more than _____ questions and/or _____ total time.
  __ Student is able to take quizzes or tests but no bubble sheets.
  __ Student able to take tests but should be allowed extra time to complete.
__ Limit test and quiz taking to no more than one per day.
__ May resume regular test taking.

Vision

__ Lessen screen time (SMART board, computer, videos, etc.) to a maximum _____ minutes per class AND no more than _____ continuous minutes (with 5-10 minute break in between). This includes reading notes off screens.
__ Print class notes and online assignments (14 font or larger recommended) to allow to keep up with online work.
__ Allow student to wear sunglasses or hat with bill worn forward to reduce light exposure.

Environment

__ Provide alternative setting during band or music class (outside of that room).
__ Provide alternative setting during PE and/or recess to avoid noise exposure and risk of injury (out of gym).
__ Allow early class release for class transitions to reduce exposure to hallway noise/activity.
__ Provide alternative location to eat lunch outside of cafeteria.
__ Allow the use of earplugs when in noisy environment.
__ Patient should not attend athletic practice
__ Patient is allowed to be present but not participate in practice, limited to ___ hours

Additional Recommendations:

_____

_____

_____

NCHSAA Concussion Return to Play Protocol

*The **NCHSAA Concussion Return to Play (RTP) Protocol** is **REQUIRED** to be completed in its entirety for any concussed student-athlete before they are released to resume full participation in athletics. A step-by-step progression of physical and cognitive exertion is widely accepted as the appropriate approach to ensure a concussion has resolved, and that a student-athlete can return to athletics safely. The **NCHSAA Concussion (RTP) Protocol** has been designed using this step-by-step progression.

*The **NCHSAA Concussion (RTP) Protocol** can be monitored by any of the following Licensed Health Care Providers (LHCP): Licensed Physician (MD/DO), Licensed Athletic Trainer, Licensed Physician Assistant, Licensed Nurse Practitioner, or a Licensed Neuropsychologist. A First Responder may monitor the RTP Protocol if a LHCP is unavailable.

*After monitored completion of each stage without provocation/recurrence of signs and/or symptoms, a student-athlete is allowed to advance to the next stage of activity. The length of time for each stage is at least 24 hours.

Name of Student- Athlete: _____ Sport: _____ Male/Female

DOB: _____ Date of Injury: _____ Date Concussion Diagnosed: _____

STAGE	EXERCISE	GOAL	DATE COMPLETED	COMMENTS	MONITORED BY
1	20-30 min of cardio activity: walking, stationary bike.	Perceived intensity/exertion: Light Activity			
2	30 min of cardio activity: jogging at medium pace. Body weight resistance exercise (e.g. push-ups, lunge walks) with minimal head rotation x 25 each.	Perceived intensity/exertion: Moderate Activity			
3	30 minutes of cardio activity: running at fast pace, incorporate intervals. Increase repetitions of body weight resistance exercise (e.g. sit-ups, push-ups, lunge walks) x 50 each. Sport-specific agility drills in three planes of movement.	Perceived intensity/exertion: Hard Activity, changes of direction with increased head and eye movement			
4	Participate in non-contact practice drills. Warm-up and stretch x 10 minutes. Intense, non-contact, sport-specific agility drills x 30-60 minutes.	Perceived intensity/exertion: High/Maximum Effort Activity			
First Responder Verification	If the RTP Protocol has been monitored by a First Responder (FR) then the FR must sign below attesting that they have reviewed the progress of this student-athlete (S-A) through stage 4 electronically, by phone, or in person with the Licensed Health Care Provider (LHCP) and that the S-A was cleared by the LHCP to complete stage 5. **FR Signature:** _____ **Date:** _____				
5	Participate in full practice. If in a contact sport, controlled contact practice allowed.				
LHCP signs RTP Form	The LHCP overseeing the student-athlete's (S-A) care is notified that the S-A remained asymptomatic after stage 5 was completed. The Return to Play (RTP) Form **MUST** be signed before the S-A is allowed to resume full participation in athletics. If signs or symptoms occur after stage 5 the S-A **MUST** return to the LHCP overseeing the S-A's care.				

The individual who monitored the student-athlete's (RTP) Protocol MUST sign and date below when stage 5 is successfully completed.

By signing below, I attest that I have monitored the above named student-athlete's return to play protocol through stage 5.

_____ _____

Signature of Licensed Physician, Licensed Athletic Trainer, Licensed Physician Assistant, Licensed Nurse Practitioner, Licensed Neuropsychologist, or First Responder (Please Circle) — Date

_____

Please Print Name