
Appendix C-4

Documentation for Concussion Management

Home Preparation for Return to School (RTS) and Return to Physical Activity (RTPA) Plan

This form is for parents/guardians to track and to communicate to the school a student's progress through the stages of the Home Preparation for Return to School (RTS) and Return to Physical Activity (RTPA) Plan following a diagnosed concussion.

The RTS and RTPA Plan has been developed in partnership with Parachute and is based on the most recent research and recommendations of the expert scientific community on concussion, that is the Canadian Guidelines on Concussion in Sport, July 2017 and the Berlin Consensus Statement on Concussion in Sport, October 2016.

Student Name: _____ Date: _____

BACKGROUND INFORMATION ON THE CONCUSSION RECOVERY PROCESS

A student with a diagnosed concussion needs to follow an individualized and gradual RTS and RTPA Plan. In developing the Plan, the RTS process is individualized to meet the particular needs of the student, as there is not a pre-set plan of strategies and/approaches to assist a student return to their learning activities. In contrast the RTPA Plan follows an internationally recognized graduated approach.

The management of a student concussion is a shared responsibility, requiring regular communication, between the home, school (Collaborative Team) and outside sports team (where appropriate) with consultation from the student's medical doctor or nurse practitioner and/or other licensed healthcare providers (for example, nurses, physiotherapists, chiropractors and athletic therapists). There are two parts to a student's RTS and RTPA Plan. This first part occurs at home and prepares the student for the second part which occurs at school.

The Home Preparation for RTS and RTPA Plan focuses on a student's progression through the home stages of the RTS and RTPA Plan. It has been designed to provide direction for, and documentation of the stages of the RTS and RTPA Plan.

GENERAL PROCEDURES FOR HOME PREPARATION FOR RTS AND RTPA PLAN

- The stages of the plan occur at home under the supervision of the parent/guardian in consultation with the medical doctor/nurse practitioner and/or other licensed healthcare providers.
- A student moves forward to the next stage when activities at the current stage are tolerated and the student has not exhibited or reported a return of symptoms, new symptoms, or worsening symptoms.
- If symptoms return, or new symptoms appear at any stage in the Home Preparation for RTS and RTPA Plan, the student returns to previous stage for a minimum of 24 hours and only participates in activities that can be tolerated.
 - If at any time symptoms worsen, the student/parent/guardian contacts medical doctor/nurse practitioner or seeks medical help immediately.
 - While the RTS and RTPA stages are inter-related they are not interdependent. Students do not have to go through the same stages of RTS and RTPA at the same time.

However, before a student can return to school they must have completed RTS Stage 2 and RTPA Stage 2b

- A student must not return to vigorous or organized physical activities where the risk of re-injury is possible, until they have successfully completed all stages of the Return to School Plan. However early introduction of some low intensity physical activity in controlled and predictable environments with no risk of re-injury is appropriate.
- This Plan does not replace medical advice.
- Progression through the Plan is individual, timelines and activities may vary.

INSTRUCTIONS

- Review the activities (permitted and not permitted) at each stage prior to beginning the Plan.
- Initial the boxes at the completion of each stage to record student’s progress through the stages.
- A student may progress through the RTS stages at a faster or slower rate than the RTPA stages.
- When the student has successfully completed all stages of the Home Preparation for RTS and RTPA Plan, parent(s)/guardian(s) must sign and date this form.
- Communicate to the school principal/designate that the student is ready to begin the school portion of the RTS and RTPA Plan.

STUDENT IS AT HOME

TABLE 1: HOME PREPARATION FOR RETURN TO SCHOOL (RTS) AND RETURN TO PHYSICAL ACTIVITY (RTPA) PLAN

| Home Preparation for Return to School (RTS) Stages | Home Preparation for Return to Physical Activity (RTPA) Stages |
|---|---|
| Each stage must last a minimum of 24 hours. | Each stage must last a minimum of 24 hours. |
| <p>RTS–Initial Rest 24 – 48 hours of relative cognitive rest (sample activities below):</p> <p>Sample activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Short board/card games • Short phone calls • Photography (with camera) • Crafts <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> • TV • Technology (for example, computer, laptop, tablet, cell phone (for example, texting/games/photography)) • Video games • Reading • Attendance at school or school type work | <p>RTPA –Initial Rest 24 – 48 hours of relative physical rest (sample activities below):</p> <p>Sample activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Limited movement that does not increase heart rate or break a sweat • Moving to various locations in the home • Daily hygiene activities <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> • Physical exertion (increases breathing and/heart rate and sweating) • Stair climbing other than to move locations throughout the home • Sports/sporting activity |

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| <p>Student moves to RTS Stage 1 when:</p> <p><input type="checkbox"/> Symptoms start to improve or after resting 2 days maximum, or whichever occurs first.</p> | <p>Student moves to RTPA Stage 1 when:</p> <p><input type="checkbox"/> Symptoms start to improve or after resting 2 days maximum, or whichever occurs first</p> |
| <p>RTS – Stage1 Light cognitive (thinking/memory/ knowledge) activities (as per activities permitted listed below).</p> <p>Gradually increase cognitive activity up to 30 minutes. Take frequent breaks.</p> <p>Activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Activities from previous stage • Easy reading (for example, books, magazines, newspaper) • Limited TV or Limited cell phone conversations • Drawing/building blocks/puzzles • Some contact with friends <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> • Technology use (for example, computer, laptop, tablet, cell phone (for example, texting/games/photography)) • Attendance at school or school type work | <p>RTPA – Stage1 Light physical activities (as per activities permitted listed below) that do not provoke symptoms.</p> <p>Movements that can be done with little effort (do not increase breathing and/or heart rate or break a sweat).</p> <p>Activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Daily household tasks (for example, bed-making, dishes, feeding pets, meal preparation) • Slow walking for short time <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> • Physical exertion (increases breathing and/heart rate and sweating) • Sports/sporting activity • Stair climbing, other than to move locations throughout the home |
| <p>Student moves to RTS Stage 2 when:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Student tolerates 30 minutes of light cognitive activity (for example a student should be able to complete 3-4 of the permitted activities listed above) and has not exhibited or reported a return of symptoms, new symptoms or worsening symptoms. <input type="checkbox"/> Student has completed a minimum of 24 hours at RTS – Stage 1. <input type="checkbox"/> Student has exhibited or reported a return of symptoms, or new symptoms and must return to the previous stage for a minimum of 24 hours. <input type="checkbox"/> Student has exhibited or reported a worsening of symptoms and must return to medical doctor or nurse practitioner. | <p>Student moves to RTPA Stage 2a when:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Student tolerates light physical activities (completes both activities above) and has not exhibited or reported a return of symptoms, new symptoms or worsening symptoms. <input type="checkbox"/> Student has completed a minimum of 24 hours at RTPA – Stage 1. <input type="checkbox"/> Student has exhibited or reported a return of symptoms, or new symptoms and must return to the previous stage for a minimum of 24 hours. <input type="checkbox"/> Student has exhibited or reported a worsening of symptoms and must return to medical doctor or nurse practitioner. |
| <p>RTS -Stage 2 Gradually add cognitive activity (as per activities permitted listed below). When light cognitive activity is tolerated, introduce school work (at home and facilitated by the school).</p> <p>Activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Activities from previous stage • School-type work in 30-minute increments • Crosswords, word puzzles, Sudoku, word search | <p>RTPA –Stage 2a Daily activities that do not provoke symptoms. Add additional movements that do not increase breathing and/heart rate or break a sweat.</p> <p>Activities permitted if tolerated by student</p> <ul style="list-style-type: none"> • Activities from previous stage • Light physical activity for example, use of stairs • 10-15 minutes slow walking 1-2x per day inside and outside (weather permitting) |

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| <ul style="list-style-type: none"> Limited technology use (for example, computer, laptop, tablet, cell phone (for example, texting/games/photography)) starting with shorter periods and building up as tolerated <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> School attendance | <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> Physical exertion (increases breathing and/heart rate and sweating) Sports Sporting activities |
| <ul style="list-style-type: none"> <input type="checkbox"/> Student tolerates the additional cognitive activity (for example a student should be able to complete 3-4 of the activities permitted) and has not exhibited or reported a return of symptoms, new symptoms or worsening symptoms. <input type="checkbox"/> Student has completed a minimum of 24 hours at RTS – Stage 2. <input type="checkbox"/> Student has exhibited or reported a return of symptoms, or new symptoms and must return to the previous stage for a minimum of 24 hours. <input type="checkbox"/> Student has exhibited or reported a worsening of symptoms and must return to medical doctor or nurse practitioner. | <p>Student moves to RTPA Stage 2b when:</p> <ul style="list-style-type: none"> <input type="checkbox"/> Student tolerates daily physical activities (completes activities permitted listed above) and has not exhibited or reported a return of symptoms, new symptoms or worsening symptoms. <input type="checkbox"/> Student has completed a minimum of 24 hours at RTPA – Stage 2a. <input type="checkbox"/> Student has exhibited or reported a return of symptoms, or new symptoms and must return to the previous stage for a minimum of 24 hours. <input type="checkbox"/> Student has exhibited or reported a worsening of symptoms and must return to medical doctor or nurse practitioner. |
| | <p>RTPA- Stage 2b</p> <p>Light aerobic activity</p> <p>Activities permitted if tolerated by student</p> <ul style="list-style-type: none"> Activities from previous stage 20-30 minutes walking/stationary cycling/recreational (that is, at a pace that causes some increase in breathing/heart rate but not enough to prevent a student from carrying on a conversation comfortably) <p>Activities that are not permitted at this stage</p> <ul style="list-style-type: none"> Resistance or weight training Physical activities with others Physical activities using equipment |
| | <ul style="list-style-type: none"> <input type="checkbox"/> Student tolerates light aerobic activities (completes activities above) and has not exhibited or reported a return of symptoms, new symptoms or worsening symptoms. <input type="checkbox"/> Student has completed a minimum of 24 hours at RTPA – Stage 2b. <input type="checkbox"/> Student has exhibited or reported a return of symptoms, or new symptoms and must return to the previous stage for a minimum of 24 hours. <input type="checkbox"/> Student has exhibited or reported a worsening of symptoms and must return to medical doctor or nurse practitioner. |

Parent/Guardian communicates to school principal/designate (by completing the following information on this form) that the student has completed RTS Stage 2 and RTPA Stage 2b and is ready to return to school and begin the school part of the Return to School and Return to Physical Activity Plan.

My child/ward has successfully completed all of the stages of the Home Preparation for Return to School (RTS) and Return to Physical Activity (RTPA) and is ready to return to school

Parent/Guardian Signature: _____

Date: _____

Comments:

The school part of the plan begins with:

- A meeting with the principal/designate to provide information on:
- the school part of the RTS and RTPA Plan (Appendix C-5)
- Collaborative Team participants and parent/guardian role on the team
- A student assessment to determine possible strategies and/or approaches for student learning