

RETURN TO PHYSICAL ACTIVITY (R2P) (following a diagnosed concussion):

A participant with a diagnosed concussion follows a medically supervised and individualized gradual Return to Physical Activity (R2P) plan.

It is critical to recovery that the individualized R2P plan be developed through a collaborative team approach. This team should include:

- the concussed individual
- her/his parents/guardians (if applicable)
- his/her coach, administrator and/supervisor
- school staff, including teachers, coaches etc. (if applicable)
- a medical doctor or nurse practitioner

Ongoing communication and monitoring by all members of the team will be essential to successful recovery.

Note – Children/Youth Under the Age of 18

If the concussed participant is under the age of 18 and currently attending a publicly funded elementary/junior high/ high school in Alberta, then that student's parent/guardian should contact their child's school principal.

RTP- Step 1

The first step in the medically supervised gradual R2P plan is for the individual to have:

- limit cognitive activities which provoke symptoms (e.g., activities requiring mental concentration such as reading, television, video games, texting) and physical (e.g., activities requiring physical exertion) rest until her/his symptoms begin to show improvement (minimum of 24 hours). This is determined by the medical doctor or nurse practitioner in consultation with the concussed individual and parent/guardian (if applicable).

Note

In order to proceed to R2P-Step 2, the concussed individual or parent/guardian (if applicable) must report back to his/her coach, administrator and/or supervisor that he/she is symptom free.

R2P – Step 2

Activity: Individual light aerobic exercise only (e.g., walking or stationary cycling).

Restrictions: No resistance/weight training. No competition (including practices, scrimmages). No participation with equipment or with other participants. No drills. No body contact.

Note

In order to proceed to R2P – Step 3, the concussed individual or parent/guardian (if applicable) must report back to his/her coach, administrator and/or supervisor that he/she is symptom free.

R2P – Step 3

Activity: Individual sport specific exercise only (e.g. running, skating, shooting).

Restrictions: No resistance/weight training. No competition (including practices, scrimmages). No body contact, no head impact activities (e.g., heading a ball in soccer), or other jarring motions (e.g., high speed stops, hitting a baseball with a bat).

R2P – Step 4

Activity: Activities where there is no body contact (e.g., dance, badminton, volleyball). Light resistance/weight training. Non-contact practice and non-contact sport specific drills (e.g., ball drills, shooting drills).

Restrictions: No activities that involve body contact, head impact (e.g., heading the ball in soccer) or other jarring motions (e.g., high speed stops, hitting a baseball with a bat).

Note

Medical Clearance: In order for a concussed individual to move from R2P Step 4 to R2P Step 5 he/she must provide written documentation from a medical doctor or nurse practitioner to his/her coach, administrator and/or Supervisor. The documentation must indicate that the individual is symptom-free and able to return to full participation in physical activity before he/she can proceed to R2P – Step 5.

R2P – Step 5

Activity: Full participation in regular physical activities in non-contact sports. Full training/practices for contact sports.

Restrictions: No competition (e.g., games, meets, events) that involve body contact.

References:

Ontario Ministry of Tourism, Culture and Sport Guidelines

Appendix B: RETURN TO PHYSICAL ACTIVITY (R2P)

