Sports Related Concussion Phase 6 Graduated return to Play (GRTP) Phase 5 Return to sports Sports Related Concussion has proven to be a major concern with possible serious short and long term debilitating consequences. Concussion is associated with an increased risk of developing serious neurological conditions at a young(er) age. Sport-specific training Phase 4 Mismanagement of concussion is considered an important reason for prolonged symptoms. coaches and trainers Therefore, it is important to take every (suspected) concussion seriously! Performance level and readiness for articipation should be assessed by the coach or trainer Full return to all non-competitive Graduated Return to Sports (GRTP) (intensive) sports activities, egin at Phase 1 in the event of a (suspected) concussion, and then follow the phases outlined in the protocol ncluding those involving (risk of) falls, physical Sport-specific training been progressing through the protocol (after Phase 1), the individual must be completely symptom-free for at least 24 hours before moving on to Phase 3 contact, strength, and conditioning training. (without physical contact) e next recovery phase. If symptoms reappear at any point during recovery, it is necessary to step back to the previous phase. Focus on restoring confidence in full Performance level should be assessed by the Daily activities incorporating more demanding coordination exercises in combination with cognitive tasks. Phase 2 sport-specific (partial) activities (without any risk of head impact) Functional load tolerance and restoration of evaluated by the coach or trainer. Gradually resume daily activities (e.g., work, school, etc.). Phase 2A: Phase 2B: or other sports activities Phase 1 Moderate Continue the progressive increase in aerobic exercise intensity and the development of aerobic exercise aerobic exercise Examples sport-specific movements and directional changes. Light resistance training may be initiated. If (mild) symptoms persist after Phase 1: If completely symptom-free after Reinitiate light physical activity. Phase 1 or Phase 2A: Reintroduce moderate physical activity supervision of a qualified professional. Physical and cognitive rest Engage in aerobic exercise up to a maximum maximum of 55% of the maximum heart rate (220 minus age), in a safe and controlled of 70% of the maximum heart rate (220 minus age), in a safe and controlled Physical and cognitive relative rest Allow rest periods and adjust activities as needed to enable a gradual progression in aerobic exercise intensity. Limit daily activities, social interaction, and physical exertion Training is preferably conducted under the supervision of a qualified professional. Activities should not cause an increase in Important Important Important Prior to advancing to Phase 4, Competitive sports participation void screen use during the first 24-48 hours it is recommended that the individual is should still be avoided (TV computer phone etc.) assessed by a (para)medical professional with expertise in concussion management Examples of activities: Stationary cycling (ergometer) Walking at a low to moderate intensity Progression to Phase 2A or 2B: Progression to Phase 4: After being completely symptom-free After a minimum of 24 and a maximum of 48 for 24 hours during Phase 2A. for 24 hours during Phase 2B. for 24 hours during Phase 3. for 24 hours during Phase 4. for 24 hours during Phase 5. hours, if (mild) symptoms persist. Having fully resumed school and/or work Phase 2B activities without symptoms After a minimum of 24 and a maximum of 48 Positive (para)medical clearance Fysio Cura Plaza is strongly recommended before resuming any "at-risk" activities that involve potential danger (e.g., physical contact, falls, collisions, etc.). ! Phases 4-6 should only be initiated once completely symptom-free