54.Kc.U6/18

Return to physical activity following a concussion

Swimming

Stage	Activity	Swimming- specific exercise	Objective of the stage
1	Complete physical and cognitive rest	No activity	Recovery and elimination of concussion symptoms
2	Light aerobic activity	20 minutes of activity once a day: (either, not both) Water-based: Kicking with a kickboard 55 to 65 percent of age-appropriate max heart rate Land-based: Use bike or elliptical, 55 to 65 percent of age-appropriate max heart rate Avoid treadmill May use fins as needed	Monitor for symptoms
3	Moderate aerobic activity Light resistance training	30 minutes in water once a day: Add limited head movement 65 to 70 percent of age-appropriate max heart rate All four strokes Open turns only May use appropriate equipment within stage activity parameters	Increase aerobic activity Monitor for symptoms
4	Noncontact training	30 minutes in water once a day:	Increase aerobic training Introduce different head positions Monitor for symptoms
5	Limited practice	60 minutes in water once a day:	Maximize aerobic training Maximize acceleration/deceleration forces Monitor for symptoms
6	Full practice (after medical clearance)	Normal training activities Introduce flip turns May use appropriate equipment within stage activity parameters	Monitor for symptoms Introduce rotational head movements
7	Return to competition	Unrestricted workouts or competition in meets	Assess frequently throughout practice and/or competition

May begin Stage 2 when symptoms are markedly diminished and can tolerate a partial school day.

May begin Stage 3 when a full school day is tolerated.

May progress to the next stage every 24 hours as long as symptoms do not worsen.

It is recommended that you seek further medical attention if you fail more than three attempts to pass a stage.



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This is general information and not specific medical advice. Always consult with a doctor or healthcare provider if you have any questions or concerns about the health of a child.

