



Swimming

Exertion Phase	Cardio	Balance/Strength	Sports Drills
Phase 1 15-20 minutes	<ul style="list-style-type: none"> • Walking Outside • Treadmill Walking • Stationary Bike • Arm Bike 	<ul style="list-style-type: none"> • Single leg balance • Tandem Stance <ul style="list-style-type: none"> - (One foot in front of the other) • Neck Strengthening 	<ul style="list-style-type: none"> • Light Stretching • May walk during practice or PE class
Phase 2 20-30 Minutes	<ul style="list-style-type: none"> • Walking <ul style="list-style-type: none"> - Speed/Uphill • Elliptical • Stairmaster • Swim with kick board • Light Jump rope • Light Jogging 	<ul style="list-style-type: none"> • Core exercises <ul style="list-style-type: none"> - Minimize head movements • Planks, leg lifts • Body Weight exercises <ul style="list-style-type: none"> - Lunges, squats, push-ups, step-ups, tricep dips • Yoga and Pilates <ul style="list-style-type: none"> - Minimize head movements • Balance Exercises 	<ul style="list-style-type: none"> • Activities without risk of contact or collision • No activities with multiple balls in the air <p>Examples:</p> <ul style="list-style-type: none"> - Swimming with kick board - Low-intensity swimming
Phase 3 30-40 Minutes	<ul style="list-style-type: none"> • Running and Sprinting • Footwork and cutting • Jumping 	<ul style="list-style-type: none"> • Core exercise with head movement <ul style="list-style-type: none"> - Bicycle crunches, planks with head rotation • Low weight high repetition lifting • Squats, curls, bench press, lunges • Dynamic warm up <ul style="list-style-type: none"> - Jogging, high knees • Jumping exercises <ul style="list-style-type: none"> - Squat jumps, jumping jacks, box jumps • Balance exercises <ul style="list-style-type: none"> - Single leg balance with forward reach to floor 	<ul style="list-style-type: none"> • No head first diving to flip turns. • May: <ul style="list-style-type: none"> - Jump in feet first - Forward and backward rolls in the water - Low intensity swimming in own lane - Start with low intensity breast stroke may advance to freestyle once head motions are tolerated. • Progression to back stroke with flags up and only wall touch - Advance distance from 50 to 100 m as tolerated

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Phase 4 40-60 Minutes	<ul style="list-style-type: none"> Continue Phase 3 Cardio while increasing duration 	<ul style="list-style-type: none"> Advanced core exercises <ul style="list-style-type: none"> Burpees, mountain climbers Higher weight lower repetition lifting Continue Balance Exercises 	<ul style="list-style-type: none"> Dive from side of pool Add flips turns Begin butterfly and advance intensity Initiate medley training progressing to relay
Phase 5 > 60 minutes	<ul style="list-style-type: none"> Full practice participation without restrictions 	<ul style="list-style-type: none"> Full practice participation without restrictions 	<ul style="list-style-type: none"> Full practice participation without restrictions

If headache, dizziness, or any other symptom occurs during the progression, stop exercising, wait 24 hours, then resume activity at the previous symptom free level.