

CORE MUSCLE INJURY REPAIR-3 WEEK

Post-Operative Protocol

Day 1 to 7:

- Avoid activity that increases intra-abdominal pressure such as lifting.
- Recommend wearing compression shorts to help control swelling
- Walk as tolerated aim for 1+ mile per day, increase as possible

Exercises:

- Kegel exercises 2 times per day
- Isometric hip adduction
- Standing, non-resisted hip AROM
- Heel raises
- Light core exercises quadruped pelvic tilts, double legged bridging

Day 8 to 14:

- Recommend wearing compression shorts to help control swelling as needed in daily activities, for exercise
- Walk as tolerated continue to increase frequency and distance
- Avoid upper body lifting
- Begin gentle soft tissue massage of abdominal muscles and hip adductors both in rehab and at home at least twice per day.
 - o Avoid aggressive massage techniques such as instrument assisted or active release

Exercises:

- If a pool is available and incision is well healed, may begin pool walking
- Progress resistance exercises
 - Single leg stabilization exercises
 - Increased resistance to hip adduction exercises
 - Increase core exercises monster walks, kneeling planks
 - Functional movements such as half squats, step-ups, lunges
- Light stretching
 - Hip flexors
 - Hamstrings
 - Quads
 - Groin
 - Side bending
- Progress into light agility work
 - Figure 8's
 - Ladder drills
 - Jump rope
 - Shuttle
 - Jogging
 - Sport specific movements begin in single plane and slow, progress to multiplanar and fast.

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Day 15-21:

- Recommend wearing compression shorts for exercise
- Continue massage of abdominals, hip adductors, as well as other hip and core musculature.
 - Avoid active release or instrument assisted massage to this area
 - Foam rollers should not be used for at least 6 weeks

Exercises:

- Pool exercises increase speed of walking running, add agility work
- Progress hip resisted exercises in all directions
- o Running increase straight ahead running distance and intensity
- Agility work increase complexity and intensity
- Begin cutting
- Add light upper extremity weight lifting and progress as tolerated
- Limited abdominal exercises

Sport participation

- o Begin participation in team practice in controlled, non-contact drills
- Progress with goal of full participation at 21 days

Revised ***