## Lumbar spine Rehab after Regenexx Epidural or facet injections, or spinal ligament procedures.

|  | Restrictions | Therapeutic Exercise | Progress to next phase when: |
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| Phase I: <br> Maximal Protection <br> Day 0-3 | Avoid excessive bending or twisting and bearing down. No lifting >10lbs, no jogging, pushing, or pulling exercises. | Limit activity for 2-3 days. Household and community ambulation ok. <br> Gentle passive and active ROM exercises | At least 2 days <br> Household ambulation with no more than $2 / 10$ pain |
| Phase II: <br> Minimal Protection <br> Mobility and light resistance training <br> Day 3- week 3 | Avoid excessive bending or twisting, no lifting >20lbs, no jogging, pushing, or pulling exercises. <br> Avoid any activity that causes more than mild $2 / 10$ pain during or after the activity. | Guided core stabilization w/PT: isometric exercises, abdominal hollowing in static positions, then with challenge. <br> Progress to pelvic floor, transverse abdominals and multifidus exercises, planks, then dynamic planks. <br> Add in Elliptical or walking for exercise. Then can add upright biking if non painful. | When able to walk for exercise with no more than $2 / 10$ pain x 1week. |
| Phase III: <br> Advanced Resistance Strengthening / <br> Week 3-6 | Avoid any activity that causes more than mild $2 / 10$ pain during or after the activity. | Can slowly add advanced core stabilization, dynamic balance exercises. <br> Can begin resistance exercises/weights, hills, hiking, low to moderate impact activity, and swimming as tolerated. | Can handle light to moderate activities with no more than 2/10 pain x 1 week. |
| Phase IV: <br> Return to Sport/Activity <br> Week 6-8 | No strict restrictions. <br> Full activity as long as no more than mild 2/10 pain. | Gradual return to full Functional activity. | Return to phase III if more than $2 / 10$ pain with most exercises or activities. |

