



Lumbar Region

The RRT is the only high frequency vibration therapy device that will reduce pain, increase ROM, and function by breaking up scar tissue, adhesions and easing chronic and acute muscle spasm. The RRT's unique frequency and arc motion allow use as a daily treatment modality, for pre-performance warm up or post performance recovery.

Assess and document patient AROM and function Pre-treatment, prepare the area for RRT by having a towel available for sensitive areas. Protect bony areas with opposite hand or towel. Follow protocol and re-assess.

Precautions:

The RRT should not be used within 2 inches of new hardware (minimum 90 days/consult MD), on the pregnant torso, an area of known malignancy or on a patient with a pacemaker.

Application:

RRT applied over the skin is the preferred method. Over clothing is acceptable. No sustained positions for greater than 30 seconds without a towel. Apply using circular, parallel and perpendicular strokes to the soft tissues of the entire involved area at a pace of 1 inch per second. The treatment head may warm slightly but a thermal effect is not produced.

Primary Areas:

Prone or seated. Begin at the lower thoracic paravertebral muscles on one side and proceed downward slowly to the lumbar and gluteal musculature, cross the upper and middle gluteals and piriformis. Return to the lumbar region to cover the Q/L and lateral buttocks. Repeat on the opposite side.

Sensitive Areas: Spinous and transverse processes, sacrum, iliac crest and lower ribs.

Pressure/Progression:

First treatment, proceed with light pressure (device weight) and for additional treatments, trigger points or points of relief add extra pressure as allowed. If full resolution has not been achieved in 2-3 visits, consider changing position to add stretch, address joint in different ROM, add additional pressure or a combination of these progressions.

Treatments Parameters:

| <u>Tx</u> | <u>Time</u> | <u>Head</u> | <u>Area</u> | <u>Position</u> | <u>Pressure</u> |
|-----------|-------------|-------------------|-------------|-----------------|-----------------|
| 1 | 2-3 Mins | Trumpet | Large | Sitting | Light |
| 2 | 3-5 Mins | Trumpet | Medium | Seated/Stretch | Lt /Med |
| 3,4,5 | 5-7 Mins. | Trumpet/Actuator. | Med/Sml. | Stretch or S/L. | Med/ Firm |