

Body Mechanics

Rest	<ul> <li>Bed rest for no longer than 2 days</li> <li>Gradually resume normal activity as tolerated</li> <li>Change positions from lying down to standing to sitting frequently</li> </ul>		
Ice	• Apply ice for 15 to 20 minutes to the sore area		
Back Braces	<ul> <li>Make sure that it is properly fit and not worn for prolonged periods.</li> <li>They elevate blood pressure so be careful if you have heart problems</li> <li>They do not increase strength and lifting ability, or substitute for proper body mechanics.</li> </ul>		
Sitting	<ul> <li>telephone (Use a h</li> <li>Keep shoulders re</li> <li>The elbows, wrists</li> <li>Adjust the height or rest on the floor be bent more than 10</li> <li>If you can't adjust</li> <li>The knees should move them into di move them into di lower than eye height</li> </ul>	<ul> <li>Sit with head and neck in upright position even while on the telephone (Use a headset if possible)</li> <li>Keep shoulders relaxed and elbows close to the body</li> <li>The elbows, wrists and keyboard should be in a straight line</li> <li>Adjust the height of the seat low enough so that the feet can rest on the floor but high enough so that the hips are not bent more than 100°</li> <li>If you can't adjust your chair low enough, use a <b>footrest</b></li> <li>The knees should be at about 90° but it is more important to move them into different positions often</li> <li><b>Computer monitors</b> should be at least 25 inches away and lower than eye height (optimal viewing angle is 30° down)</li> <li>The low back should be supported</li> </ul>	
Sleeping	• Try and kee finding a co important	ep the spine in a "neutral" position, but omfortable, pain-free position is most <b>Roll</b> technique to get into bed	
Supine	<ul> <li>Pillow at he</li> <li>Towel roll</li> <li>Pillow under</li> </ul>	under neck	
Sidelying			



## Body Mechanics

- Semprone
  - Position yourself in front of the load

Pillow under upper arm

Pillow under chest Pillow under head

- Get close to the load
- o stand with your feet shoulder width apart.
- Bend at the **hips and knees**, not the back.
  - Your leg muscles are much more powerful than the smaller muscles in your back.
- Brace with your abdominal muscles and exhale before lifting (don't hold your breath)
- Try and maintain a neutral spine with the head in line with the shoulders and hips
- Don't jerk. Use a smooth motion and lift straight up.
- Change direction by turning your feet, **no twisting your back**.
- Always size up a load before lifting
  - o consider using two people
  - break the load into smaller parts.
- If the load is very heavy try the **lunge lift** 
  - $\circ$  bend one knee down
  - o keep spine straight
- If the load is light, try the **golfer's lunge** 
  - o extend one leg back
  - o keep spine neutral

squat

Lifting



lunge lift



golfer's lunge



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