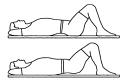
## Vanderbilt Sports Medicine

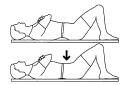
## **Low Back Strengthening**

Complete \_\_ sets of \_\_ repetitions \_\_ times a day.





\*Tighten back muscles, arching low back off mat.



\*Lie on back, knees bent.

\*Tighten abdominal muscles and press low back down into mat.



\*Lie on back, knees bent, arm at side. \*Lift head and

\*Lift head and shoulders off floor, toward knees.

\*Keep low back in contact with mat.



\*Lie on back, knees bent, arm over chest. \*Lift head and shoulders off floor,

\*Keep low back in contact with mat.

toward knees.



\*Lie on back with arms at side. \*Keeping knees

straight, tighten abdominal muscles, and lifting feet about 6 inches from mat.



\*Start in 4 point kneeling. \*Lift one leg up, keeping knee bent.



\*Start in 4 point kneeling.

\*Extend right leg while lifting left arm.

\*Reverse position, and repeat.



\*Start in 4 point kneeling, back in neutral.

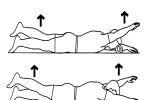
\*Round back upward, one segment at a time.

\*Reverse back, one segment at a time, keeping neck neutral.



\*Lie face down.

\*Raise both legs upwards, as shown.



\*Lie face down, arms outstretched overhead as shown.

\*Raise arm and opposite leg off mat.

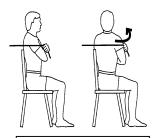
\*Alternate arm and leg and repeat.



\*Lie face down with hips at edge of surface.

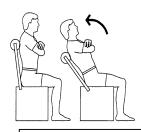
\*Position lower legs under pads.

\*With arms behind back, slowly lower and return back to starting position.



\*Attach elastic to secure object, with chair facing opposite way.

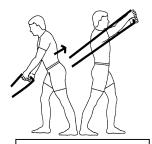
\*Holding elastic, rotate upper body forward and away from elastic.



\*Lie back on padded bar, arms across chest. \*Push back against bar, straightening trunk.



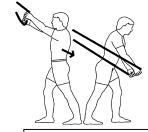
\*Place chest on padded bar, arms across chest. \*Push forward against bar, bending at the waist.



\*Secure elastic at floor level.

\*With elastic in both hands, bend at hip, keeping back in neutral. \*Pull upward and across

as shown.



\*Secure elastic above head.

\*With elastic in both hands, bend at hip, keeping back neutral. \*Pull downward and across as shown.

