



The information provided in these videos is for educational purposes only. Concepts for your particular sport and individual requirements may vary so please seek customized advise from a registered health professional to suit your individual goals.

Introducing the topic

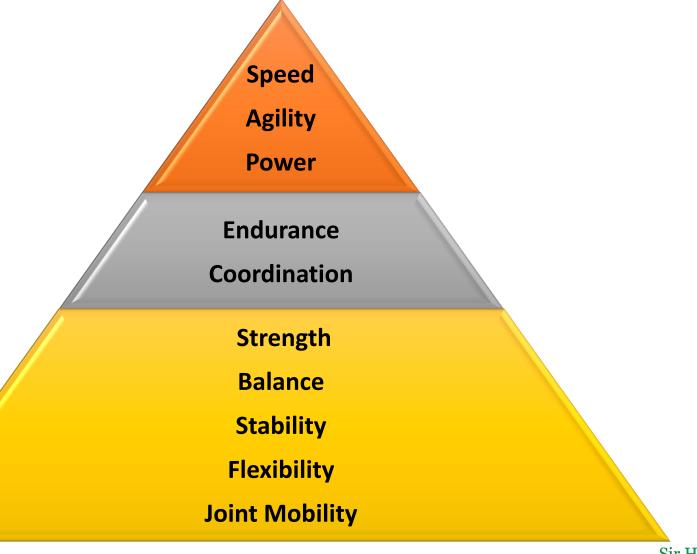
Improve Flexibility & Mobility

Mayur Thakkar
Sports Physiotherapist
Department of Sports Science and Medicine
Sir H N Reliance Foundation Hospital





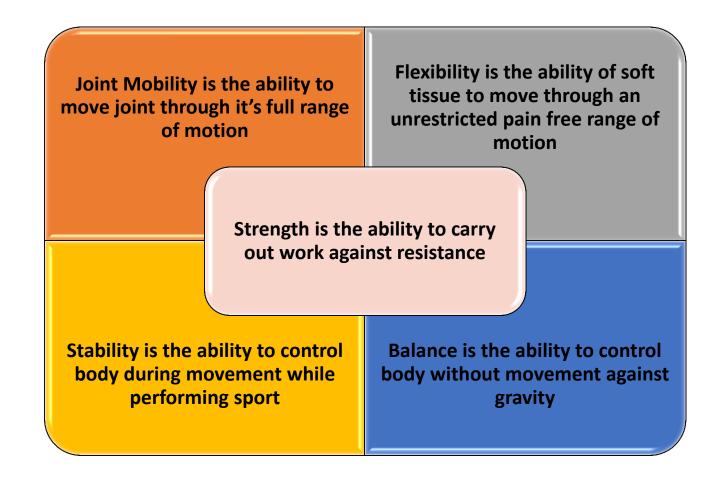
Movement Pyramid







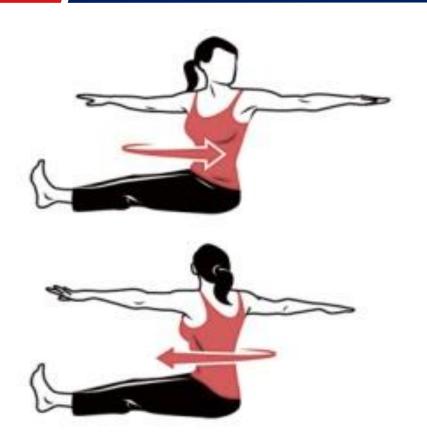
Base of Movement Pyramid







Spinal Mobility Drills

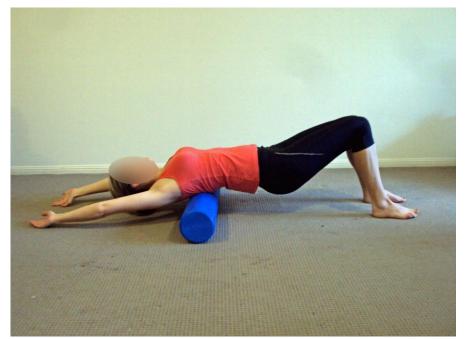


- These drills can be done in warm up or starting of the day
- Do 10-15 repetitions of these drills which will makes your spine move freely
- It improves mobility of spinal joints and soft tissue
- It also improves posture





Spinal Mobility Drills



 Note: If player has any pain while doing any of these drills then consult Sports physio / Sports medicine doctor / Health care professional before doing

(Reference- Brukner & Khan's Clinical Sports Medicine, Fourth Edition)





Foam Roller Spinal Mobilization







Lumbar Twist







Quadruped Twist







Foam Rolling Drills

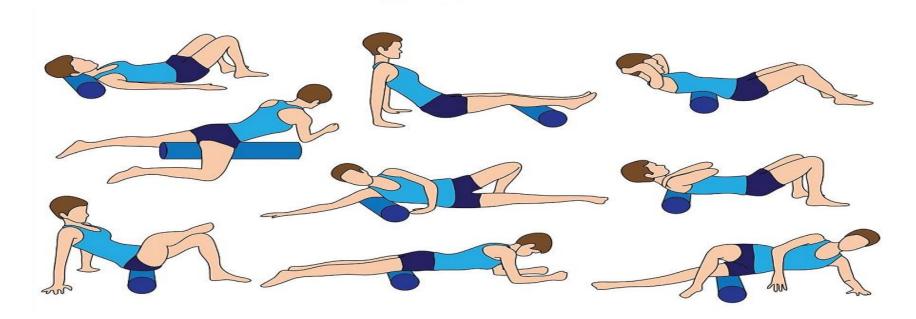


- These drills can be done in warm up and also can be done in cooldown or at the end of day
- It loosens up muscles and release myofascial trigger points
- Do each drill for 2-5 minutes for each muscle
- Rolling over specific pressure point or trigger point area of muscle belly will be always more beneficial





Foam Rolling Drills



• Note: If player has any pain while doing any of these drills then consult Sports physio / Sports medicine doctor / Health care professional before doing this in pain (Pressure pain is expected while doing foam rolling drills. Don't get confused between pressure/soreness pain and injury pain)

(Reference- ACSM's 19th Health & Fitness Summit & Exposition)





Foam Rolling over Calf muscle







Foam Rolling over Hip & Glute muscles







Foam Rolling over Quadriceps muscle







Foam Rolling over Lower Back







Foam Rolling over Latissimus Dorsi



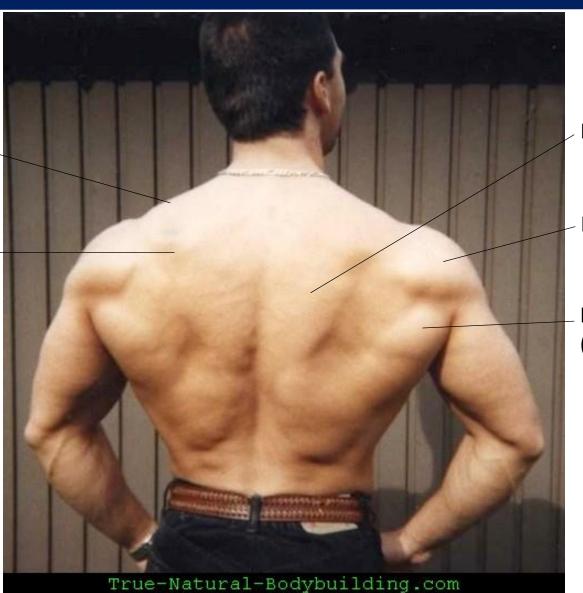




Ball Rolling Drills

Upper Trapezius

Levator Scapulae



Rhomboids

Rear Deltoid

Infraspinatus (Rotator)





Active Static Stretches



- Static Stretches should be done in cool down
- It helps to regain length and flexibility of muscle
- It should be held for 20-30 seconds with at least 2-3 repetitions for each muscle
- These stretches should be done with gentle pressure without jerk (Hold to a position of mild discomfort)





Active Static Stretches



- Do not over stretch your muscle in single stretch, slowly increase stretch pressure with every repetition
 - Doing stretches after foam rolling will be more beneficial
- Note: If player has any pain while doing any of these stretches then consult Sports physio / Sports medicine doctor / Health care professional before doing it





Hamstrings Stretch







Glutes Stretch







Hip Flexor Stretch







Quadriceps Stretch







Side Torso Stretch







Anterior Chest Stretch







Triceps & Latissimus Stretch





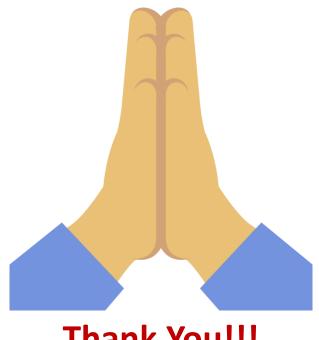


Side of Neck Stretch









Thank You!!!







Questions Please







