THROWERS TEN EXERCISE PROGRAM
Dr. Walter R. Lowe

The throwers ten exercise program has been designed to exercise the major muscles necessary to return to throwing. The program's goal is to be an organized and precise exercise program specific to the thrower to improve strength, power, and endurance of the shoulder musculature.

1a. PNF D2 Extension:
Affix tubing overhead, pull tubing down and across your body to the opposite side of leg. During the motion, lead with your thumb
______sets of ______, ______ daily

1b. PNF D2 Flexion:
Affix tubing to door or stand on with opposite foot, start with palm facing behind you. Pull arm out, up, and across body. Rotate arm as you move so palm continues to face behind you. ______sets of ______, ______ daily

2a. External Rotation at 0° Abd
Stand with your uninvolved side next to a closed door, tubing attached to the doorknob
With elbow at 90° and at your side, pull out to side, hold 5 sec.
______sets of ______, ______ daily

3a. Internal Rotation at 0° Abd
Stand with your involved side next to a closed door, tubing attached to the doorknob
With elbow at 90° and at your side, pull across your body, slowly return to starting position
______sets of ______, ______ daily
2c. External Rotation at 90° Abduction
Standing with shoulder abducted at 90° and elbow flexed at 90°. Grip tubing with affixed end straight ahead slightly lower than shoulder. With shoulder abducted, rotate shoulder back keeping elbow at 90°. Return tubing and hand to starting position.
_____ sets of _____, _____ daily

2d. Internal rotation at 90° Abduction
Stand with shoulder abducted at 90° and elbow flexed to 90°. Grip tubing with affixed end straight ahead and slightly lower than shoulder. With shoulder abducted, rotate shoulder forward keeping elbow at 90°. Return tubing and hand to starting position.
_____ sets of _____, _____ daily

3. Shoulder Abduction to 90°
Stand with arm at side, elbow straight, and palm against side. Raise arm to the side, palm down, until arm reaches 90° (shoulder level)
Hold 2 sec
_____ sets of _____, _____ daily

4. Scaption (Full Can)
Standing with elbow straight and thumb up. Raise arm to shoulder level at 45° angle in front of body. Do not go above shoulder height. Hold for 2 seconds and then lower slowly.
_____ sets of _____, _____ daily
THROWERS TEN EXERCISE PROGRAM

5a. Prone Horizontal Abduction (Neutral)
Lie on table, face down, with involved arm hanging straight to floor, palm facing down. Raise arm to the side, parallel to the floor. Hold 2 seconds and slowly lower.
_____ sets of _____, _____ daily

5b. Prone Horizontal Abduction (Full ER, 100° Abduction)
Lie on table, face down, with involved arm hanging straight to the floor, thumb rotated up. Raise arm out to the side slightly in front of shoulder parallel to the floor. Hold 2 seconds, lower slowly
_____ sets of _____, _____ daily

6. Press-ups
Seated on a chair or on a table, place both hands firmly on the sides of the chair or table, palm down and fingers pointed outward. Hands should be placed equal with shoulders. Slowly push downward through the hands to elevate your body. Hold for 2 sec and lower body slowly.
_____ sets of _____, _____ daily

7. Prone Rowing
Lying on your stomach with your involved arm hanging over the side of the table, dumbbell in hand and elbow straight. Slowly raise arm, bending elbow, and bring dumbbell as high as possible
Hold 2 seconds then lower slowly
_____ sets of _____, _____ daily
8. Push-ups
Start in the down position with arms in a comfortable position. Place hands shoulder width apart. Push up as high as possible, rolling shoulders forward after elbows are straight. Start with a push-up on the wall, progress to table top and gradually progress to the floor as tolerable _____ sets of _____, _____ daily

9a. Elbow Flexion
Standing with arm against side and palm facing inward, bend elbow upward turning palm up as you progress. Hold 2 seconds and lower slowly _____ sets of _____, _____ daily

9b. Elbow Extension
Raise involved arm overhead. Provide support at the elbow from uninvolved hand. Straighten arm overhead. Hold 2 sec and lower slowly. _____ sets of _____, _____ daily

10a. Wrist Extension
Supporting the forearm and with palm facing down, raise the weight in hand as far as possible. Hold 2 seconds and lower slowly. _____ sets of _____, _____ daily

10b. Wrist Flexion
Supporting the forearm and with palm facing up, lower the weight in hand as far as possible and then curl up and far as possible. Hold for 2 sec and return to start _____ sets of _____, _____ daily
THROWERS TEN EXERCISE PROGRAM

10c. Supination
Forearm supported on table with wrist in neutral position. Using a weight or hammer, roll wrist taking palm up. Hold 2 seconds and return to starting position.
_____ sets of _____, _____ daily

10d. Pronation
Forearm should be supported on a table with wrist in neutral position. Using a weight or hammer, roll wrist taking palm down. Hold for 2 seconds and return to starting position.
_____ sets of _____, _____ daily

Exercise 10c

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