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## COMPREHENSIVE PHYSICAL THERAPY

Melinda Amato OTR/L CHT Brandon Heyda OTR/CHT Raymond Ryan PT/Director Valerie Peckingham PT Isabella Mesturini PT,DPT Peter Ives PTA Kirsten Perillo PTA

# Megan R. Wolf, MD Sports Medicine/Foot & Ankle

# Progressive Throwing Program 13 and Under

This throwing program is designed as a progressive increase in throwing endurance, distance, and strength after a physical ailment that required rest to help in the healing process.

The athlete should warm up with some type of jogging, exercise, and stretching to increase blood flow and pliability of the tissue. Throwing should start at 30 ft and be moved back progressively to the scheduled distance as you feel your arm loosen up. Start counting the prescribed number of throws when you get to the programmed distance. Take a 5 minute break inbetween sets. After the throwing is completed, cool down should consist of light stretching and jogging. Ice is optional.

The athlete may continue to progress to the next step of the throwing program when they complete the current throwing day without any pain. *Make sure that you report any pain during this program*. Aching in the muscles is ok, but if the athlete experiences any pain while throwing, they need to quit for that day. During the next throwing day, the athlete should return to the last step that they threw without pain. If pain occurs at this step, contact your physician.

### Week 1

### **Monday**

# 45 feet: 2 sets of 15 throws

# Wednesday

#### 45 feet: 2 sets of 15 throws

# Friday

45 feet: 1 set of 7 throws 60 feet: 1 set of 8 throws 5 minute break 45 feet: 1 set of 7 throws 60 feet: 1 set of 8 throws

#### Week 2

### Monday

#### 60 feet: 2 sets of 15 throws

# Wednesday

60 feet: 1 set of 7 throws 75 feet: 1 set of 8 throws

5 minute break 60 feet: 1 set of 7 throws 75 feet: 1 set of 8 throws

### Friday

75 feet: 2 sets of 15 throws

#### Week 3

### **Monday**

75 feet: 1 set of 7 throws 90 feet: 1 set of 8 throws 5 minute break 75 feet: 1 set of 7 throws

90 feet: 1 set of 8 throws

### Wednesday

90 feet: 2 sets of 15 throws

### Friday

90 feet: 1 set of 7 throws 105 feet: 1 set of 8 throws 5 minute break 90 feet: 1 set of 7 throws 105 feet: 1 set of 8 throws

<sup>\*</sup> Throwing should be done Monday, Wednesday, and Friday. There needs to be a day of rest in between.



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13 and Under

### **WEEK 4: INITIATE MOUND THROWING**

The athlete will spend 1-2 sessions at a given Level before progressing. Mound throwing Levels should be done every other day with at least a day of rest in between. Extra recovery days may be needed once the intensity and pitch count increases.

#### Level 1:

50% - 10 pitches/3-5 minute rest/10 pitches

#### Level 2:

60-75% - 15 pitches/3-5 minute rest/15 pitches

#### Level 3:

75-85% - 15 pitches/3-5 minute rest/10 pitches/3-5 minute rest/10 pitches

#### Level 4:

85-100% - 15 pitches/3-5 minute rest/10 pitches/3-5 minutes rest/10 pitches

Once you have completed Level 1 through Level 4, you are ready to gradually increase your pitching volume in competition. Remember that any soreness should be gone within 48 hours of pitching.