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Returning to Throwing/Pitching after an injury:

To begin this program you need to have full range of motion in the shoulder and your shoulder strength should be 90-100% of normal.

- 1. As you return to throwing always begin with an aerobic warm-up with running, jogging, bicycling to increase your blood flow.
- 2. Throws should use the "Crow- Hop" method with the objective to throw the distance assigned without pain and the specified number of feet.
- 3. Program is to be performed every other day unless specified by your physician or physical therapist.

Throwing sessions: (See below)		
Step 1 45 feet 2 cycles	Step 7 120 feet 2 cycles	Step 13 180 feet 2 cycles
Step 2 45 feet 3 cycles	Step 8 120 feet 3 cycles	Step 14 Begin throwing off the mound or return to respective position.
Step 3 60 feet 2 cycles	Step 9 150 feet 2 cycles	
Step 4 60 feet 3 cycles	Step 10 150 feet 3 cycles	
Step 5 90 feet 2 cycles	Step 11 180 feet 2 cycles	
Step 6 90 feet 3 cycles	Step 12 180 feet 3 cycles	

For 2 cycles:

- 1. Each throwing session should begin with overall warm-up using the "Crow-Hop" technique at comfortable distance (approximately 30 feet).
- 2. This warm-up is followed by beginning a cycle of 25 gentle throws with the "Crow-Hop" method at the assigned distance 45, 60, 90, or 120 feet. My throwing distance is _____
- 3. After the initial 25 throws the athlete should rest the arm for 10-15 minutes and, if there is no pain, continue to throw second 25 throws.

For 3 cycles add:

- 1. A second rest period of 10-15 minutes and, if there is not pain reported, the athlete can compete the last 25 throws.
- 2. When the athlete feels comfortable the all 75 throws they may now progress to the next distance that has been assigned.
- *This cycle repeats itself until the athlete can throw 50 throws at 180 feet, at that point they may begin throwing off the mound and increasing the velocity (50%-75%-100% speed)