

## Segmental supply to arm movements and reflexes

<i><b>Shoulder</b></i>	
Flexion, abduction, external rotation	<b>C5</b>
Extension, adduction, internal rotation	<b>C6 C7 C8</b>

  

<i><b>Elbow</b></i>	
Flexion; <b>BICEPS REFLEX</b>	<b>C5 C6</b>
Flexion; <b>TRICEPS REFLEX</b>	<b>C6 C7 C8</b>

  

<i><b>Forearm</b></i>	
Supination	<b>C6</b>
Pronation	<b>C7 C8</b>

  

<i><b>Wrist</b></i>	
Flexion	<b>C6 C7 C8</b>
Extension	<b>C6 C7 C8</b>

  

<i><b>Fingers and Thumb- long tendons</b></i>	
Flexion	<b>C7 C8</b>
Extension	<b>C7 C8</b>

  

<i><b>Small Muscles of the Hand</b></i> <i>Including some thenar and all hypothenar</i>	
All movements	<b>T1</b>

### In summary;

Small muscles are ONLY T1

Supination is ONLY C6

Shoulder abduction, extension and external rotation is ONLY C5

C7 and C8 participate in just about everything.