

Component of Stay Apparatus Function

Serratus ventralis	Suspends body from scapulae, causing shoulder to flex
Tendon of biceps brachii	Prevents shoulder flexion; helps prevent carpus flexion
Collateral ligaments of elbow	Prevent elbow flexion
Lacertus fibrosus	Creates continuous line of force from shoulder to metacarpus; helps prevent carpus flexion
Tendon of extensor carpi radialis	Helps prevent carpus flexion
SDF and DDF tendons and their accessory ligaments (proximal and distal check ligaments)	Help prevent carpus flexion; insertion of SDF tendon prevents pastern joint flexion
Carpal bones	Block shape helps prevent carpus hyperextension
Palmar carpal ligament	Helps prevent carpus hyperextension
Suspensory apparatus <ul style="list-style-type: none"> - Suspensory ligament (interosseous muscle) - Proximal palmar sesamoid bones - Sesamoidean ligaments (straight, oblique, cruciate) 	Help prevent fetlock hyperextension and consequent dropping of the fetlock; straight sesamoidean ligament helps prevent pastern joint hyperextension
Superficial and deep flexor tendons and their accessory ligaments	Help prevent fetlock hyperextension and pastern joint hyperextension
Common digital extensor muscle	Helps prevent fetlock hyperextension
Palmar ligaments	Help prevent pastern joint hyperextension