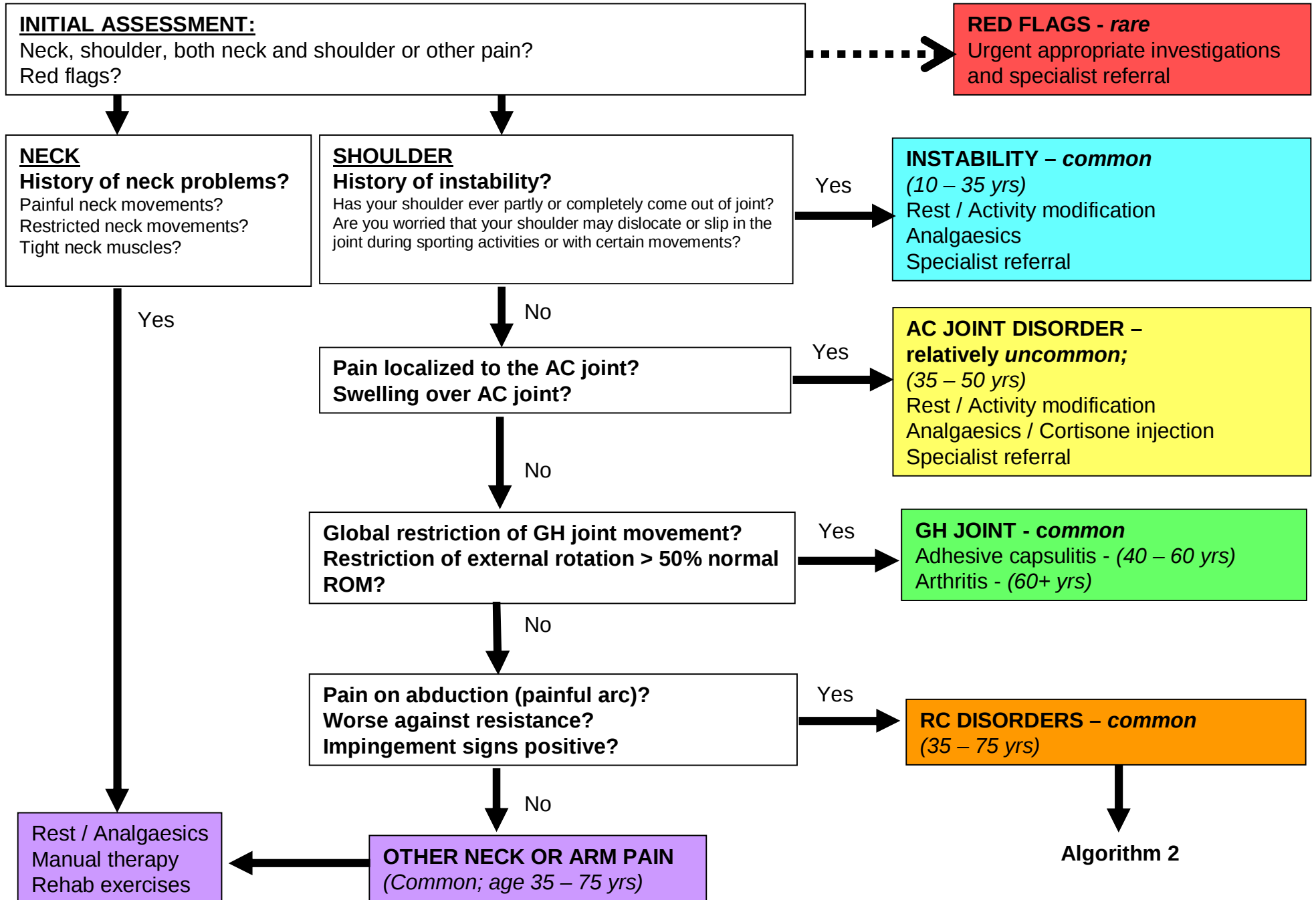
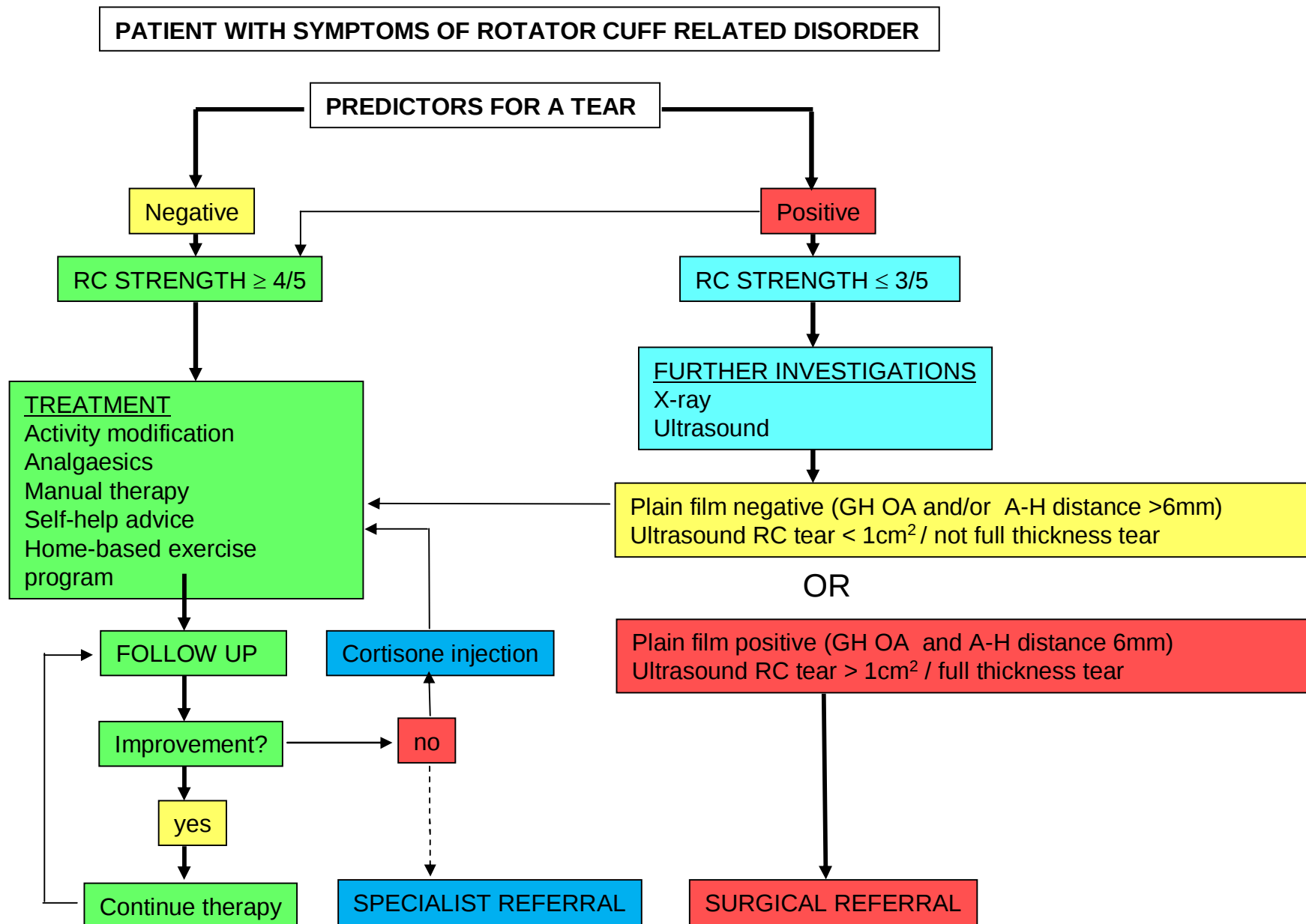


Algorithm 1

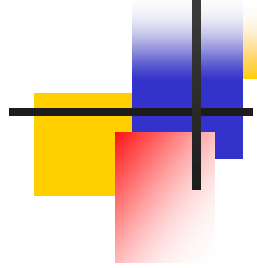


Algorithm 2



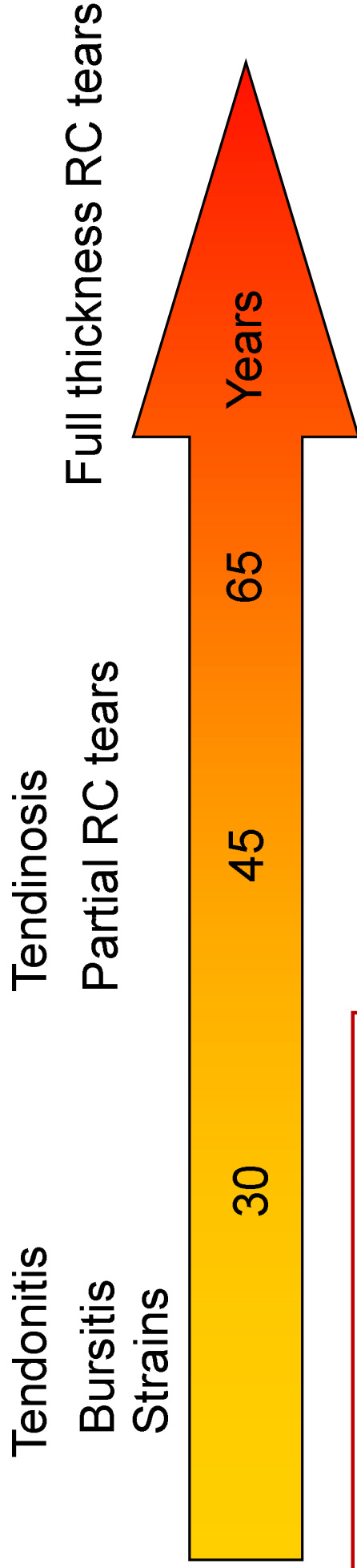
Initial hypothesis based on patient report

Patient report	Initial hypothesis
Lateral/anterior shoulder pain with overhead activities or exhibits a painful arc	Possible subacromial impingement Possible tendinitis / tendinopathy Possible bursitis
Instability, apprehension and pain with activities in which the shoulder is in an abducted and externally rotated position	Shoulder instability Possible labral tear if clicking is present
Decreased ROM and pain with resistance	Possible RC or long head of biceps tendinopathy
Pain and weakness with muscle loading, night pain, age > 60	Possible rotator cuff tear
Poorly located shoulder pain with occasional radiation into the elbow. Pain aggravated by movement and relieved by rest. Age > 45. Females > Males.	Possible adhesive capsulitis
Fall on the shoulder followed by pain over AC joint	Possible AC joint sprain
Upper extremity heaviness or numbness with prolonged postures and when laying on the affected side	Possible thoracic outlet syndrome Possible cervical radiculopathy



Age and onset of pathology

Rotator cuff pathology:



Dislocation / subluxation
Glenoid labrum tears
Labral cysts

Adhesive capsulitis

AC joint osteoarthritis

GH joint osteoarthritis