NARAKAS SCORE CHART

	0	1	2	3	4	5
Shoulder: 13 points						
Abduction and/or forward flexion (max 5 points)	flail	0-30 stable	30-60	60-90	90-120	>120
External rotation (max 4 points)	0	0-10	10-30	30-60	60	
Thoracobrachial grasp (max. 2 points)	0	Can hold a file against chest	Can hold a bag weighing 1Kg or more against chest			
Posterior projection (max. 2 points)	Nil	Wrist can be brought to lateral aspect of hip	Wrist behind plane of glutei or better			
Elbow: max 9 points						
Flexion (5 points)	0	Hand to pocket or belt	To 90° against gravity	To 90° with 1Kg in hand	To 90° or more with 3Kg	Flexes 90° or more with 1Kg
Extension	Not possible	Full extension	Extends with 1Kg	Extends with 3Kg	Better than 3Kg	
Forearm, pronosupination: Max. 3 points	None	10-50°	50° or better	100° or better		
Wrist: max 8 points						
Extension (4 points)	None	Against gravity	With 1Kg in hand	With 3Kg	Better than 3Kg	
Flexion	None	Incomplete against gravity	Complete against gravity	With 1Kg against strong grasp	More than 1Kg	
Hand: max 17 points*						
Long fingers motor (max. 5 points)	Total palsy	Passive hook	Active hook by finger flexion (primitive grasp)	Opening and closing fist power 1<3Kg	Power 3-8Kg	Independence of finger grasp >8kg
Thumb, motor: Max. 3 points†	Total palsy	Adduction in flexion (key pinch) no opening	Closing and opening of key pinch Power pinch to 1Kg/cm	Pulp to pulp pinch Key pinch to 1Kg/cm		
Fifth finger, motor: 1 point	No strong flexion	Strong flexion, locking position				
Sensory (8 points)	No sensation	Temperature and pain felt	Touch (with paraesthesiae)	Light touch (without paraesthesiae)	Some tactile gnosis Weber above 15mm	Fait tactile gnosis Weber below 15mm
Median nerve area (5 points) Pulp of thumb, index and long finger)						
Ulnar nerve area (3 points) (pulps of fourth and fifth fingers)	No sensation	As above	As above	As above		

Final result consists of the residual function, the function gained by operation and the function gained by spontaneous regeneration:
- With complete paralysis the residual function is nil
- When all spinal nerves are interrupted the final result corresponds to the gain obtained by operation
- When some nerves are not functional but not anatomically interrupted, the amount of recovery by spontaneous regeneration (degrees 1 to 3 of Sutherland) has to be evaluated and subtracted from the final result in order to gain the operative gain.

In complete paralysis the maximal loss caused by nerve interruption is evaluated in order to assess the gain obtained by nerve repair.

* 1 point is subtracted if finger extension (opening) is not possible.
† 1 point is subtracted if no extension of the thumb (opening).

PATIENT DETAILS

Name:
Address:

dob:
hospital no:

date:

NARAKAS SCORE

Date:						
Shoulder: 13 points						
Abduction and/or forward flexion (max 5 points)						
External rotation (max 4 points)						
Thoracobrachial grasp (max. 2 points)						
Posterior projection (max. 2 points)						
Elbow: max 9 points						
Flexion (5 points)						
Extension						
Forearm, pronosupination: Max. 3 points						
Wrist: max 8 points						
Extension (4 points)						
Flexion						
Hand: max 17 points*						
Long fingers motor (max. 5 points)						
Thumb, motor: Max. 3 points†						
Fifth finger, motor: 1 point						
Sensory (8points)						
Median nerve area (5 points) Pulp of thumb, index and long finger)						
Ulnar nerve area (3 points) (pulps of fourth and fifth fingers)						
Total						

Please see over….