

Mr M, 50 years old

- **R handed Contruction manager**
- **Lives with wife and 2 children**
- **Enjoys golf, outdoor walking and cycling**

Injury

08/08/2019

Mechanism

- Motorbike vs car at high speed
- Left arm paralysis

Other injuries

- C6 spinous process, C7 Transvers process, pelvic #, (L) tibial # (both ORIF) (L)acromion #, (L) 1st rib #, bladder injury
- Referred to service and seen at 4/52 post injury

Date 09/09/19

Findings

- Wearing sling.
- Pain control poor particularly around shoulder
- Mood very low
- No PT follow up
- No Shoulder, elbow and wrist extension, good grip and release with wrist supported

Charted findings

MOTOR CONTROL

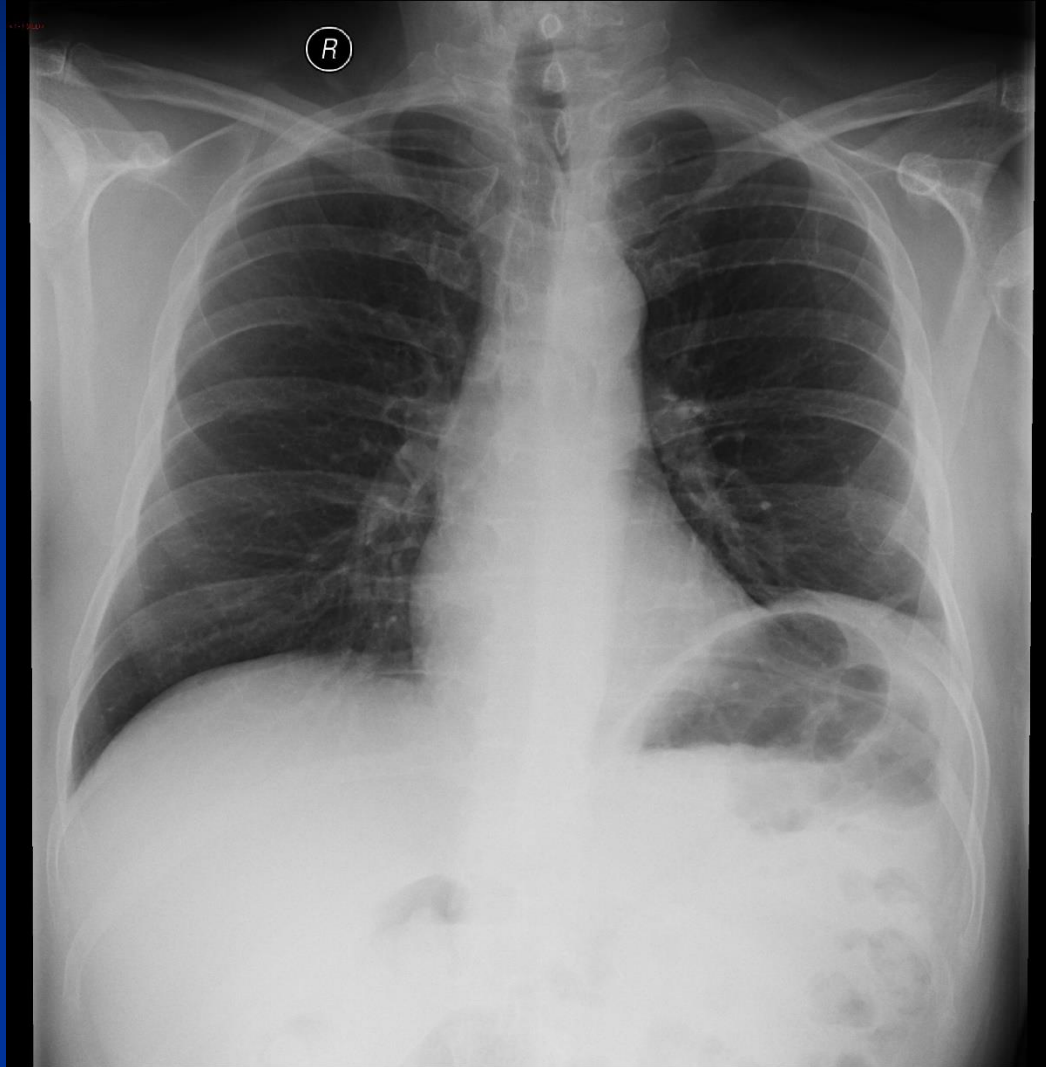
Trapezius	5
Serratus anterior	4
Supra/Infraspinatus	0
Deltoid	0
Pectoralis major	1
Lat dorsi	0
Biceps	0
Triceps	0
Wrist extension	0
EDC	4
FCR	0
FCU	2
FDP/FDS	4
FPL	4
Ulnar Intrinsic	4
Thenar muscles	5

SENSORY ASSESSMENT

C5	Altered
C6	Altered
C7	Altered
C8	Normal
T1	Normal
Uln	Normal
Rad	Altered
Med	Altered

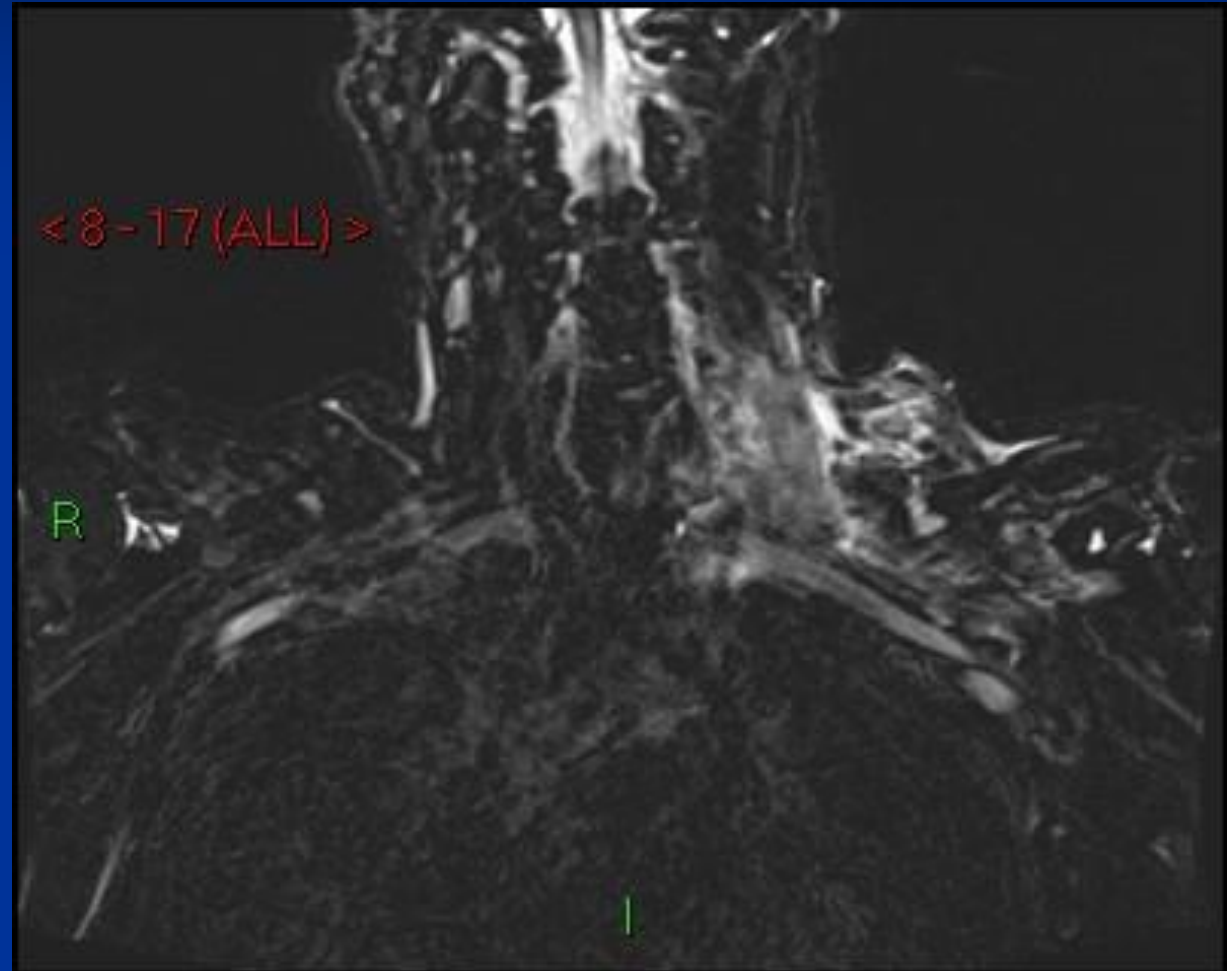
Investigations

■ X-rays



Investigations

■ MRI



Investigations

- **Neurophysiology – 11/9/2019**
- Widespread brachial plexus injury, predominantly affecting upper trunk.

Mr AM: Operation, 24/10/2019

■ Incisions:

- Supraclavicular and medial arm

■ Findings:

- Scarring upper and middle trunks
- No response to stimulation

■ Repairs:

- Accessory → Suprascapular n transfer
- Ulnar nerve fascicle to biceps transfer (Oberlin)

Operation, 19/6/2020

- Triceps branch → Axillary n transfer

Therapy Management

Physiotherapy:

- Still attending
- Support and education
- Initial restoration of passive ROM
- Maintaining hand strength as difficulty using it as couldn't place it in space.
- Recruit transfer
- Hydrotherapy
- Stim using TENS machine

Occupational therapy:

- **Support/ education too help with coping in combination with counselling form CNS**
- **Small aids to assist with ADLS – Andy can comment on what was helpful**

Recovery times

Date Seen:	02/10/2020	30/11/2020	08/03/2021	12/05/2021	21/06/2021	13/09/2021	20/12/2021	04/02
Trapezius	-	-	5	-	-	5	-	5
Serratus Anterior	-	-	4	-	-	4	-	4
Supra/ Infraspinatus	-	-	2/0	-	0	2	-	2/0
Deltoid	-	-	0	-	0	0	-	0
Pectoralis Major	-	-	4	-	-	4	-	4
Lat. Dorsi/ Teres Major	-	-	4	-	-	5	-	5
Biceps	-	-	2	-	2	3	-	4
Triceps	-	-	4	-	-	4	-	4
Wrist Extensors	-	-	3	-	3	4	-	4
Extensor digitorum	-	-	4	-	-	4	-	4
EPL	-	-	4	-	-	4	-	4
FCR	-	-	0	-	-	2	-	2
Palmaris Longus	-	-	4	-	-	4	-	4
FCU	-	-	2	-	-	3	-	3
FDP	-	-	4	-	-	4	-	4
FDS	-	-	4	-	-	4	-	4
FPL	-	-	4	-	-	4	-	4
Thenar Muscles	-	-	5	-	-	5	-	5
Interossei	-	-	4	-	-	4	-	4
Brachioradialis	-	-	0	-	-	0	-	0
Other	-	-	-	-	-	-	-	-

- Returned to work at March 21
- Fatigue one of main issues through rehab
- Ongoing functional issues with lack of lateral rotation of shoulder