

Fracture Management

Common Cast





Common casts.....

Below Elbow Cast

Scaphoid / Thumb Spica Cast

Below Knee Cast



Four Casting objectives....

Position

Integrity

Fit

Function



Position

Fracture alignment/position...

Joint position...

Limb alignment/position...

Integrity.....

Of the skin...

Made of the correct material...

Made strong enough...

Cast is tailor made to individual patient...



Fit.....

Not too tight...

Not too loose...

Conforms to anatomical shape...

Moulded well for displaced fractures...

Bony prominences protected...

No obvious defects...



Function

All unaffected joints free to move...

Cast is not excessively heavy...

Patient is aware of any restriction of use...

Exercises are fully explained...





Types of Materials

POP/ Plaster of Paris

Fibreglass

Polyester

Semi rigid (soft cast)

Colle's fracture



Materials for B/E cast



Colle's cast



Colle's cast



Below Elbow / Short Arm Cast



Smith's fracture



Smith's fracture...



Smith's Fracture...



Wrist brace



Scaphoid / Thumb spica Cast



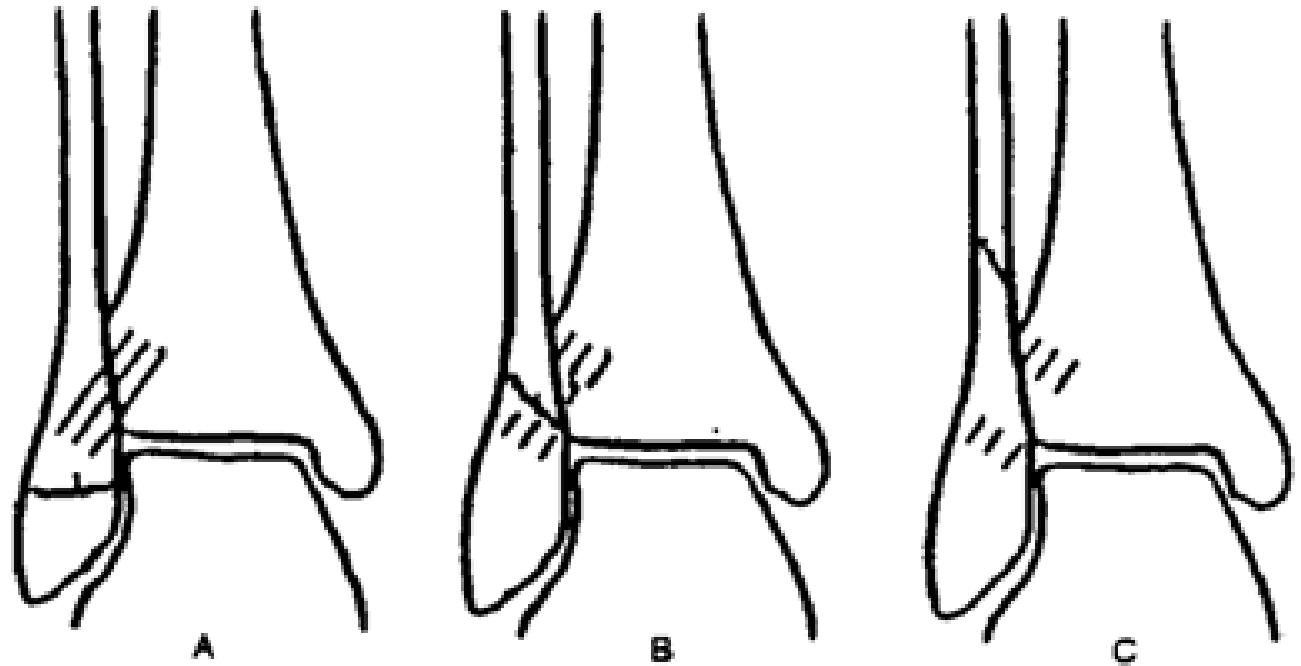
Scaphoid / Thumb spica Cast



Scaphoid brace



Ankle fracture's weber classification



X rays Weber A



Weber B and C



B



C

Materials for B/K Cast



Below Knee Cast



Below Knee Cast



Cam Walker





Thank You 😊