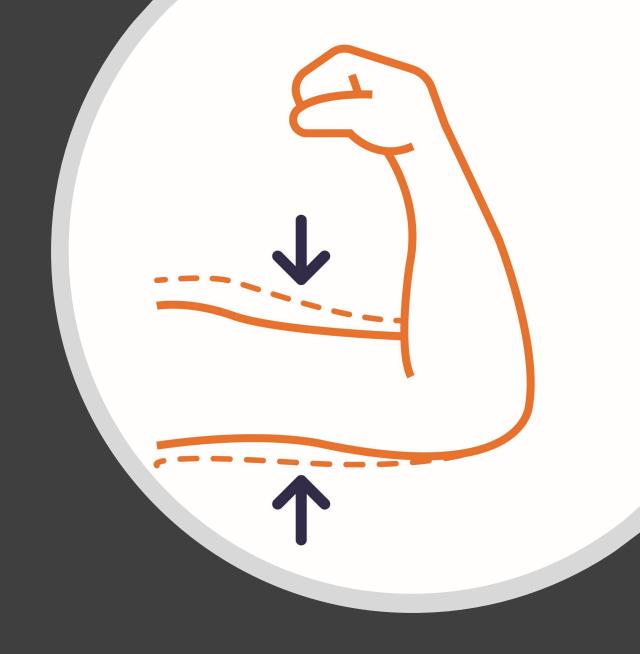
# Limb Features

Muscle wasting
Charlotte Massey, Physiotherapist, National Hospital
for Neurology and Neurosurgery

# Muscle wasting

- Weakened grip
- Weakness at the shoulder
- Foot drop
- Immobility



# Muscle cramps and stiffness

- Exercise
  - maintain mobility
  - maximum range of movement
  - maintain comfort
  - strengthen muscle groups not yet affected by MND
  - maintain circulation
- Range of Movement (ROM) exercises
  - Active
  - Passive
  - Individually tailored
- Medication



#### Pain relief

#### Pain is indirect

- Stiffness
- Cramps
- Reduced mobility
- Skin sensitivity
- Poor posture
- Neuropathic pain



### Further information

- Head supports for MND
- Living with MND Guide

