

For professionals

The problem:

Negative effects of immobilization of UE (upper extremities) due to medical conditions.

Increasing dependency on care givers and friends / family for ADL's.

Loss of function of the UE due to medical conditions like:

- Repetitive Strain Injury
- Rotator Cuff Injuries
 - Rotator cuff tear
 - Rotator cuff tendinitis
 - Frozen shoulder (adhesive capsulitis)
 - Sub-acromial bursitis
- Cervical pain
 - Post whiplash
 - Cervical spondylosis
 - Tension headaches
 - Fibromyalgia
- Thoracic and Lumbar pain
 - Arthritis
 - Spinal stenosis
 - Fatigue
 - Postural problems
- Progressive disorders like MS, MD, ALS, SMA
- Rheumatoid Arthritis
- CVA
- Mastectomy

Upper Extremity (UE) Problems are an important limiting factor in ADL's and people's quality of life:

- People with spinal cord injury can develop shoulder problems over time which may also cause pain
- Shoulder pain may complicate or interfere with a person's daily activities, social events and their overall quality of life.

Kempt, B.J., Bateham, A.L., Mulroy, S.J., Thompson, L., Adkins, R.H., Kahan, J.S. (2011) Effects in the reduction in shoulder pain on the quality of life and community activities among people living long-term with SCI paraplegia: a randomized control trial. J Spinal Cord Med., 34(3):278-84

What do Armon Products dynamic / mobile arm supports do?

Minimising the effects of gravity = enabling gravity eliminated movements (GEM)

The UE can now conduct movements without being hindered by gravity.

GEM means that gravity no longer effects the performance of a muscle or muscle group of the upper extremities in all planes and relieves the following muscles:

Deltoid, Trapezius, Rhomboids, Levator Scapulae, Rotator cuff, Teres Major, Biceps Brachii, Coracobrachialis, Pectoralis Muscles, Serratus Anterior, Triceps Brachii, Latissimus Dorsi.

Medical conditions may impact the ability to use UE for functional activities, in those cases GEM helps to bring independence of movement. Users can also use UE longer without fatigue

Benefits Armon Products dynamic / mobile arm supports:

Armon Products dynamic / mobile arm supports help minimizing the effects of gravity = enabling gravity eliminated movements (GEM) of UE

GEM can help preventing injuries or relieve symptoms when using UE

GEM can help preventing overuse of the muscle groups of the spine and UE

GEM can help to relieve pain when using upper extremities

GEM decreases strain on ligaments, muscles and connective tissues

GEM can help to remain functional for people affected by medical conditions which effect strength of UE, range of UE movement and duration of UE activities

Allows you to stay and remain more functional in your ADL's (Activities of Daily Life) and be less reliant on external support and care settings.

Conclusion:

Armon Products offers GEM for UE in all planes, this will help to remain functional, prevent injuries or relieve the symptoms of existing injuries

Allows patients to stay independent and remain more functional in their ADL's