AxioBionics™ Wearable Therapy™ systems are designed to alleviate chronic pain and muscle spasms anywhere in the body from the neck down to the feet.
AxioBionic's wearable therapy systems are designed to manage the deleterious effects of muscle paralysis anywhere in the body from the neck down to the feet.

Muscles Stimulated: Cervical Paraspinals, Sternocleidomastoid, Supraspinatus, Infraspinatus, Upper/Middle Trapezius, Middle Thoracic Paraspinals, Lower Back Paraspinals, Quadratus Lumborum, Latissimus Dorsi, Serratus Anterior, Gluteus Maximus

Muscles Stimulated: Supraspinatus, Deltoid, Biceps, Triceps, Finger Flexors, Finger Extensors, Hand Intrinsic (Interossei, Lumbricals, Opponens Pollicis, Adductor Pollicis, Oppones Digiti Minimi)

Muscles Stimulated: Lumbar Paraspinals, Gluteus Maximus, Gluteus Medius, Quadriceps, Hamstrings, Dorsiflexors, Plantarflexors, Peroneals, Foot Intrinsic

FES Foot Drop Correction
Muscles Stimulated: Dorsiflexors

Dynamic Orthosis For Correction of Hip And Foot Drop
AxioBionics designs, manufacturers, and fits a wide variety of Wearable Therapy products to treat the effects of muscle paralysis and to manage chronic pain and spasms.

FDA Indications for Use:
Transcutaneous Electrical Nerve Stimulation (TENS) for pain relief

NeuroMuscular Electrical Stimulation (NMES) for:
- Prevention or retardation of disuse atrophy
- Increasing local blood circulation
- Muscle re-education
- Immediate post-surgical stimulation of calf muscles to prevent venous thrombosis;
- Maintaining or increasing range of motion

Functional Electrical Stimulation (FES) to provide ankle dorsiflexion in individuals with dropped foot following an upper motor neuron injury.

**AxioBionics treats the effects of medical conditions that lead to long-term physical disability stemming from chronic pain, musculoskeletal disorders and neurological disorders**

### Pain And Muscle Spasms:
- Neck Pain
- Upper Back Pain
- Lower Back Pain
- Middle Back Pain
- Shoulder Pain
- Elbow Pain
- Wrist And Hand Pain
- Hip Pain
- Sciatica Pain
- Knee Pain
- Ankle/foot Pain

### Neurological Disorders:
(AxioBionics treats the effects of the following neurological conditions)
- Spinal Cord Injury
- Traumatic Brain Injury
- Stroke
- Cerebral Palsy
- Multiple Sclerosis
- Tranverse Myelitis

### Effects Of Paralysis That We Treat:
- Atrophy
- Muscle Spasms
- Reduced Joint Ranged Of Motion
- Decreased Local Blood Flow
- Decreased Functional Movement
- Foot Drop
- Chronic Pain