



Spinal Decompression
Traction Table



ABOUT
CERVICAL SPINE



80%

About 80% of people have a history of varying degrees of back pain or leg pain

Incidence rate of spondylopathy

30-40 years old,
the rate of cervical and lumbar diseases is

59.1%

50-60 years old, the prevalence rate reach **71%**



PRINCIPLE
OF TRACTION

1. Cervical traction

Mechanism: the pathophysiological basis of cervical disease is the functional disorder and structural changes of cervical joints.

Degenerative change of spine, narrow inter vertebral space, protrusion of fibrous ring and nucleus pulposus, hyperplasia and deformation of vertebral margin, hook vertebral joint and facet joint, formation of bone spur and destruction of stability of vertebral body and facet joint, joint deformation, synovial incarceration, subluxation, ligament hypertrophy, wrinkle, calcification and rupture of inter vertebral disc, stimulate and compress peripheral nerves, blood vessels and ligaments, resulting in inflammation Edema and adhesion, resulting in a series of symptoms such as spinal nerve root, spinal cord, sympathetic nerve, cerebrovascular, neck and shoulder muscles and nerves.

The main mechanism is to adjust and restore the internal and external balance of damaged spinal canal, eliminate irritation symptoms and restore the normal function of cervical spine.



2. Lumbar Traction

Mechanism: due to the imbalance of force and the degenerative change of lumbar disc, lumbar disc herniation is often caused. The disc herniation can directly compress and stimulate the spinal nerve root, and can also lead to the stenosis of inter vertebral space, which will lead to the mutual proximity of the upper and lower articular processes of the vertebral facet joint, resulting in the reduction of the inter vertebral canal (foramen) and nerve canal, further compressing the nerve root, compression and stimulation of nerves cause a series of symptoms and signs, exert traction on the lumbar spine, relax the tense and spastic lumbar muscles, increase the lumbar body spacing, reduce the pressure in the lumbar disc, alleviate the compression symptoms of protrusions, and eliminate the pain.

PRODUCT ADVANTAGE

SCOPE OF APPLICATION



// Automatic compensation and flexible addition and subtraction function
Continuous and stable traction and much safe
Flexibility increases or decreases, and traction treatment is more comfortable.

// Traction control system
Double safety traction control system,
Traction parameter control is more intelligent and accurate
Multiple traction modes with touch screen.

// Thermal control system
Head plate and leg plate have heating function,
Thermal therapy is available.
Relax muscles, promote circulation and better traction effect.

// Ergonomic design
The triangular pillow is ergonomically designed,
Make the traction posture more scientific
New bandage
Fixed frame to make traction more comfortable.

// One machine for two purposes
Cervical traction and lumbar traction
Independent of each other

// Flexible wire rope drum motor
Low speed, large torque and strong overload capacity
Fast response, good characteristic linearity and small torque fluctuation
Flexible mechanical characteristics, automatic adjustment, effective noise reduction

1. Cervical spondylosis of nerve root type, vertebral artery type and cervical type, cervical lateral curvature, kyphosis deformity, cervical joint sprain and functional disorder, cervical slip and dislocation, etc
2. Lumbar disc herniation, lumbar spondylolisthesis, lumbar degenerative margin, lumbar facet joint disorder, etc.