

Medical Conditions Which Have Been Treated With the MicroVas Treatment System from 1996 to 2006

NEUROLOGIC CONDITIONS

Conditions that Cause Peripheral Neuropathy

1. Polyneuropathy of the hands and feet- Alcohol induced 357.5
2. Peripheral neuropathy of the hands and feet—chemotherapy induced 357.6
3. Peripheral neuropathy of the hands and feet—diabetic induced 355.8
4. Peripheral neuropathy of the hands and feet—idiopathic
5. Peripheral neuropathy of the hands and feet—statin drug induced
6. Peripheral neuropathy of the hands and feet—Pernicious anemia (B12) induced 281.1
7. Peripheral neuropathy of the hands and feet—B Vitamin deficiency induced
8. Peripheral neuropathy of the hands and feet—Heavy metal (lead, mercury, cadmium, arsenic) induced
9. Peripheral neuropathy of the hands and feet—Hypothyroid induced
10. Brachial Plexopathy and peripheral neuropathy of the hands- Radiation induced
11. Lumbar Plexopathy and peripheral neuropathy of the feet- Radiation induced
12. Diabetic Lumbosacral Plexopathy
13. Paresthesia of the feet (not otherwise specified) 782.2
14. Paresthesia of the hands (not otherwise specified) 782.2

Compression and Stretch Conditions that Cause Nerve Dysfunction

15. Peroneal palsy "drop foot" 736.79
16. Bells palsy of the face 351.0
17. Foot neuroma metatarsals 355.6
18. Tarsal tunnel syndrome 355.5
19. Cubital tunnel syndrome
20. Peripheral Nerve contusion with Neuropraxia (Ex:Ulnar nerve lesion) 354.2
21. Carpal Tunnel Syndrome
22. Lumbar nerve root compression induced radiculopathy in the leg
23. Post-operative palsy of peripheral nerve in the arm or leg

Vascular Conditions Associated with Nerve Dysfunction

24. Sciatica (Not caused by nerve compression) 355.0
25. Raynaud's phenomena of the hands
26. Raynaud's phenomena of the feet

Infectious Conditions Associated with Nerve Dysfunction

27. Post Herpetic Neuralgia of Sciatic Nerve
28. Post Herpetic Neuralgia of peripheral nerve
29. Post Herpetic Neuralgia of Crainal Nerve
30. Post Herpetic Neuralgia of Intercostal Nerve
31. Post Herpetic Neuralgia of Thoracic Nerve
32. Lymes Disease induced Peripheral Neuropathy (after antibiotic treatment)

Miscellaneous Neurologic Conditions

33. Neurogenic Bladder- Diabetic induced
34. Neurogenic Bladder- Idiopathic
35. Trigeminal Neuralgia 350.1
36. Reflex Sympathetic Dystrophy involving an arm
37. Reflex Sympathetic Dystrophy involving a leg
38. Post Amputation Phantom Limb Pain
39. Restless leg syndrome
40. **Diabetic neuropathy insulin dependent or not 250.6x**
41. **Aids neuropathy 355.9**
42. **Hereditary progressive muscle 356.2**
43. **Hereditary progressive muscle dystrophy 356.1**

ORTHOPEDIC CONDITIONS

Fractures at Risk of Avascular Necrosis

1. Legg Perthes disease
2. Scaphoid fracture in wrist 814.01
3. *Avulsion fracture distal fibula 824.8*

Fractures at Risk of Non-Union

4. Radial head fracture 813.07
5. Femur impacted head fracture 820.09
6. Humeral head fracture 812.09

Conditions Associated with Impaired Healing

7. Femur mid shaft fracture with poor healing due to co-morbidities 821.1
8. Humeral mid shaft fracture with poor healing due to co-morbidities 812.21
9. Traumatic compression fracture in lumbar spine with or without Osteoporosis 805.xx
10. Traumatic compression fracture in thoracic spine with or without Osteoporosis 805.xx
11. Feet- "marching fracture" or "diabetic fracture" of metatarsals 825.25
12. Post surgical Total knee replacement with poor healing/rehabilitation
13. Post surgical Total hip replacement with poor healing/rehabilitation
14. Adhesive Capsulitis of shoulder
15. Costochondritis

Conditions Associated with Weakened Periosteal Attachments

16. Lateral epicondylitis (Tennis elbow)
17. Medial epicondylitis (golfers elbow)
18. Osgood Schlatters disease

Conditions Associated with Acute Bursitis

19. Olecranon Bursitis
20. Shoulder Bursitis
21. Knee Bursitis
22. Hip Bursitis

CONNECTIVE TISSUE CONDITIONS

Sports Injuries and Acute Sprain/Strain

1. Ankle lateral sprain first or second degree 845.0
2. Elbow strain
3. Knee strain medial or lateral collateral ligament 844.1/717.81
4. Neck acute cervical strain 847.0
5. Pulled Hamstring 843.9
6. Shoulder strain 840.9
7. Wrist strain 842.0
8. Acute Torticollis
9. Acute Lumbar Strain
10. Acute Sacroiliac Strain

Repetitive Stress Syndromes

11. Tendonitis of Wrist 726.9
12. Plantar Fasciitis

VASCULAR CONDITIONS

1. Venous insufficiency of leg secondary to deep vein thrombosis
2. Venous insufficiency of leg with stasis ulcer 454.0
3. Ischemic rest pain in leg (foot, calf or thigh) due to diffuse small artery disease 443.9
4. Inflammatory skin condition of legs caused by circulatory insufficiency
5. Mild to Moderate Lymphedema of legs due to Venous Insufficiency
6. Mild to Moderate Lymphedema of legs due to chronic inflammation
7. Radiation therapy induced skin damage to capillaries; ulcerated or poorly healing

WOUND CARE CONDITIONS

1. Diabetic Ulcer (Calf, Heel, Plantar surface, Tibial surface, Toes) 250.8x-707.1x
2. Localized second or third degree burns
3. Infected ulcer due to arterial insufficiency (foot, ankle)
4. Decubitus due to paraplegia or quadriplegia (Sacrum, Ischial Tuberosity)
5. Pressure Ulcer in immobile patient (greater trochanter, heel, ischial tuberosity, sacrum) 707.0
6. Stasis Ulcers due to venous insufficiency (foot, leg)
7. Ulcer due to Brown Recluse Spider bite

CONDITIONS ASSOCIATED WITH INFECTIONS

1. Septic Joint associated with wounds (used with systemic antibiotics) 730.x
2. Osteomyelitis associated with wounds (used with systemic antibiotics) 730.x

DISUSE ATROPHY

1. Muscle wasting, disuse atrophy upper or lower extremities (not otherwise specified) 728.2
2. Multiple Sclerosis induced leg weakness
3. Post Polio Syndrome induced leg weakness
4. Muscle wasting, disuse atrophy due to bedfast condition
5. Muscle wasting, disuse atrophy due to stroke
6. Muscle wasting, disuse atrophy due to paraplegia or quadriplegia
7. **Parkinsonism dementia 332.0**

CHRONIC PAIN SYNDROMES

1. Chronic functional lower back pain 724.2
2. Chronic functional upper back pain due to Fibromyalgia 729.1
3. Degenerative Arthritis pain (hip, knee, ankle, hand, spine) 715.14-17
4. Osteoporosis pain (hip, knee, ankle, hand, spine)
5. **Shoulders 719.41**
6. **Neck 723.1**

OSTEOPOROSIS/OSTEOARTHRITIS/DEGENERATIVE JOINT DISEASE

1. **Spontaneous compression fracture in lumbar spine 773.13**
2. **Spontaneous compression fracture in thoracic spine 733.13**
3. **Chronic hip pain from osteoporosis 719.45 / 733.0**
4. **Generalized bone healing (not a diagnosis)**

PERIPHERAL NERVE INJURIES

1. **Hand 755.7**
2. **Forearm 755.7**
3. **Upper arm 755.7**
4. **Lower legs 756.5**

MISCELLANEOUS

1. Chronic Bacterial Sinusitis
2. Urinary Stress incontinence
3. **Irritable bowel syndrome 564.1**
4. **Constipation 564.0**
5. **Post radiation burns ulcerated or poorly healing**