

## Keyword Index

- 25(OH)D<sub>3</sub> 83  
30 years review 552
- Acclimation 474  
Activities of daily living 351, 574  
Acute spinal cord injury 300  
Acute subdural haematoma 304  
Adjustment 374  
ADL 560  
Adolescence 666  
Adult teratoma 40  
Advance directives 581  
Aerobic training 646  
Ageing 128  
Aging 374  
Amnesia 253  
Anterior approach 601  
Antioxidant enzymes 224  
Architectural accessibility 351  
Arm exercise 631  
Arm movement 186  
Arm–hand function 51  
Arteriovenous fistula 438  
Ascorbic acid 656  
ASIA impairment scale 286  
Assessment 118  
Atlas 92  
Augmentation ileocystoplasty 30  
Autonomic dysreflexia 34, 142, 481  
Autonomic nervous system 77  
Autonomous detrusor contraction 650  
Axon regeneration 615
- Back pain 44  
Behavior 101  
Biochemical bone remodeling markers 83  
Bioethics 581  
Biomechanics 101, 178  
Bladder 272, 599  
Blood flow 639  
BMI 286  
Bone mineral density (BMD) 230
- Bone ultrasound 83  
Botulinum toxin 599  
Burst fractures 295
- Canal compromise 295  
Canal remodeling 295  
Cardiac medication 286  
Catheterization 432, 536  
Cauda equina injury 650  
Cavernous haemangioma 200  
Central axial spinal pillar 178  
Cerebral aneurysm 307  
Cerebral vascular insufficiency 142  
Cerebrospinal fluid flow 501  
Cerebrospinal fluid leak 601  
Cervical cord injury 196  
Cervical myelopathy 137  
Cervical spine 248, 552  
Cervical spondylosis 484  
Charcot's joints 481  
Chemotherapy 44, 468  
Child 666  
Chinese 196  
Cine-MRI 501  
Classification 118  
Cold air 167  
Color ultrasound imaging 192  
Colour Doppler ultrasonography 300  
Complication 128, 137, 457  
Compression fracture 604  
Contracture 1  
Conversion disorder 327, 335  
Coping 23, 408  
Cough 34  
Creatine 449  
Creatinine 524  
Cutaneous diversion 443  
Cystatin C 524  
Cysteine proteinase inhibitors 524  
Cytokines 224  
Cytomegalovirus 145
- Daytime complaints 286
- Decompression 501  
Deep vein thrombosis 416  
Deep venous thrombosis prophylaxis 300  
Delay in diagnosis 367  
DEXA 230  
Disability assessment 396  
Disabled persons 351  
Distress 23, 408  
Doppler ultrasound 639  
Dural 438
- Echinococcus 153  
Electrical injury 253  
Electrical stimulation 110  
Employment 69  
Enoxaparin 416  
Epidural space 200  
Epidural spinal cord stimulation 65  
Erector spinae muscle 567  
ESWL - complications 609  
Evoked potential 253  
Ewing's sarcoma 367  
Exercise 110, 230, 474  
External sequential pneumatic compression 300
- Far lateral discs 491  
Female urethra 192  
FES 560  
Flow cytometry 656  
Free radicals 224  
Freehand 560  
Function 560  
Function electrical stimulation (FES) 34  
Functional ability 69  
Functional recovery of conduction 468
- Gabapentin 282  
Gait analysis 17  
Gastrointestinal emergency 88  
Glia 615  
Glial scar 449  
Gliosis 615
- Glomerular filtration rate 524  
Grip strength 560
- Half time 631  
Head injury 307  
Health care system 128  
Heterotopic ossification 388  
Hip position 236  
Horse riding 264  
Human 272  
Human rights 213  
Hydatid disease 153  
Hyperextension 544  
Hypertrophy 484  
Hypothermia 656
- Ileal conduit 443  
Immersion 474  
Immune status 627  
Incidence 264  
Incomplete spinal cord injury 639  
Incontinence 443  
Incremental field test 507  
Inflammatory pseudotumour 203  
Information accessibility 529  
Interdisciplinary team approach 327  
Intervertebral disc 544  
Intramedullary teratoma 40  
*In vitro* 656  
Irradiation 468  
Isokinetic 236
- Jefferson fracture 92
- Kidney - atrophy 609  
Kidney - calculus 609  
Kidney function 524  
Kinetics 631
- Laminectomy 363  
Living wills 581  
Locomotion 65  
Locomotion training 17  
Long-term outcome 457  
Low molecular weight heparin 300

- Lower limb amputation 174  
 Lower motor neurone disease 468  
 Lumbar foraminal discs 491  
 Lumbar spin 178  
 Magnetic resonance image 137  
 Magnetic resonance imaging 200, 244  
 Male 272  
 Malignancy 44  
 Measurement 341  
 Medical complications 69  
 Mental health 408  
 Metaplasia 484  
 Mid-line cleft 92  
 Modeling 101  
 Mortality 595  
 Motor evoked potential 567  
 Motor paralysis 327, 335  
 MRI 196, 253  
 Multiple sclerosis 443  
 Muscle 110  
 Muscular atrophy 484  
 Myelopathy 253, 438  
 Myelotomy 161  
 Neck pain 77  
 Neurogenic 272, 599  
 Neurogenic bladder 30, 432, 443, 536, 650  
 Neurogenic heterotopic ossification 313  
 Neurological deficit 295  
 Neurological sequelae 213  
 Neuromodulation 65  
 Neuropathic pain 282  
 Neuroprotection 449  
 Neurosurgery 44  
 Non traumatic spinal paralysis 388  
 Non-immunocompromised host 145  
 Nutrition 627  
 Oligodendrocyte 615  
 Operative treatment 248  
 Orthostatic hypotension 77  
 Osteoblastoma 248  
 Outcome assessment (health care) 351  
 Outcome measurement 11  
 Overview 327  
 Oxygen uptake 631  
 Pain 118, 457, 666  
 Pain type 118  
 Painful spasticity 161  
 Paraplegia 17, 83, 88, 186, 203, 367, 388  
 Paraplegics 507, 513  
 Parathyroid hormone 83  
 Partial weight bearing therapy 65  
 Pathology 101, 544  
 Peak oxygen uptake 507  
 Pentoxyfylline 224  
 Perceived exertion 69, 513  
 Periodic leg movement (PLM) 646  
 Physical exercise 646  
 Plasma cell granuloma 203  
 Plasmacytoma 44  
 Positron emission tomography 468  
 Posterior inferior cerebellar artery 307  
 Posterior longitudinal ligament 484  
 Postural hypotension 34  
 Pott's disease 604  
 Predictive equation 507  
 Pressure sore 457  
 Psychiatric disability 335  
 Psychometric validation 23  
 Pulmonary embolism 416  
 Quality of life 341, 529  
 Rasch analysis 396  
 Reaching 186  
 Reactive oxygen species (ROS) 656  
 Refugee 213  
 Rehabilitation 11, 128, 174, 335, 351, 513  
 Rehabilitation model 327  
 Review 51  
 Risk factors 595  
 Rugby injuries 552  
 Scale development 23  
 SCI 595  
 SCIM 396  
 Second spinal cord injury 37  
 Self-injurious behavior 666  
 Serotonin 1A agonist 519  
 Sleep apnea 286  
 Sleep disorders 646  
 Sodium channels 468  
 Spared white matter 449  
 Spastic syndrome 161  
 Spasticity 167, 236  
 Specialist centres 11  
 Speed 236  
 Sphincter insufficiency 192  
 Spina bifida 30  
 Spinal cord 40, 396, 432, 438, 536, 601, 615  
 Spinal cord compression 248, 367  
 Spinal cord compression syndrome 153  
 Spinal cord decompression 363  
 Spinal cord infarction 244  
 Spinal cord injured 646  
 Spinal cord injured subjects 631  
 Spinal cord injuries 599, 666  
 Spinal cord injury (SCI) 1, 11, 30, 37, 51, 65, 77, 88, 101, 118, 128, 142, 161, 167, 174, 230, 236, 272, 282, 313, 341, 351, 374, 416, 443, 449, 457, 519, 524, 529, 542, 544, 581, 609, 627, 656  
 Spinal cord ischemia 224  
 Spinal cord lesion 23, 69, 408  
 Spinal cord lesions 481  
 Spinal injuries 264, 295  
 Spinal manipulation 196  
 Spinal metastases 363  
 Spinal stability 178  
 Spinal stroke 244  
 Spine 153, 304  
 Stretch 1  
 Subarachnoid space 501  
 Superior mesenteric artery syndrome 88  
 Supine position 631  
 Suprapubic catheter 542  
 Surgery 137  
 Surgical in upper extremities 574  
 Survival 595  
 Switzerland 174  
 Syringomyelia 501  
 Taiwan 69  
 Tartrate-resistant acid phosphatase 83  
 Team approach 335  
 Tetraplegia 34, 51, 142, 286, 457, 474, 574  
 Therapy 272  
 Thermoregulation 474  
 THINK FIRST 37  
 Thoracic myelopathy 567  
 Thromboembolism 416  
 Timing of surgery 388  
 Torture 213  
 Transcranial magnetic stimulation 567  
 Transverse myelitis 145  
 Trauma 304  
 Treadmill 17  
 Trophic factors 615  
 Trunk control 186  
 Tuberculosis 604  
 Tuberculosis of spine 604  
 Two point discrimination 560  
 Type 2 diabetes mellitus 110  
 Ultrasound scan 542  
 Unemployment 174  
 Upper extremity function 51  
 Urinary bladder 432, 536  
 Urinary complications 457  
 Urine 432, 536  
 Validity 341  
 Vascular control 639  
 Vascular function 639  
 Velocity and metabolic activity 65  
 Verbal descriptors 118  
 Vertebral body infarction 244  
 Vesicoureteral reflux 30  
 Vocational 174  
 Warfarin 416  
 Wheelchair ergometer 513  
 Women 374