

Keyword Index Volume 29 (2016)

25-dihydroxyvitamin	835	bracing	613
abdominal activation strategies	317	breast cancer	337
abdominal drawing-in maneuver	757	breast size	741
abdominal hollowing	731	calisthenic exercise	723
abdominal muscle thickness	183, 757	cardiac tests	49
abdominal muscles	317, 643	carpal tunnel syndrome	309, 459, 575, 835
abdominal muscles contraction	241	case management	503
abductor hallucis	809	central sensitization	625
acupuncture	273	cerebral palsy	613
adolescent	565	cervical rhizotomy	1
adult	565	cervical spine	279
aging	295	cervical stabilization exercise	85
algometry	327	chronic disorders	625
ALS	611	chronic low back pain	393, 527, 587, 625, 673
ankle proprioception	97	chronic neck pain	41
ankylosing spondylitis	723	chronic nonspecific low back pain	327
anterior cruciate ligament	343	circuit resistance training	817
anxiety	487, 723, 801	classification systems	231
aortic calcification	635	clinical test	643
athlete	795	complex regional pain syndrome	661
axioscapular	549	complication	895
back muscles	123, 267, 273	computed tomography	581
back pain	649	consciousness	89
backpack load	109	conservative treatment	459
backpack strap	109	continuous passive motion	779
balance	403, 493	continuous radiofrequency	361
balance control	477	corporeal awareness	89
balance disturbance	151	corrected sitting	211
balance exercises	151	correlation	97
balneotherapy	429	cross-sectional area	581, 717
beliefs	565	CRPS	7
biomarker	429	CTX-II	429
biomechanics	259, 439	cuff electrode	749
body image	89	delivery of health care	685
body mass index	145, 717	dentistry	859
body posture	211	depression	587, 597, 801
body schema	89	diabetic peripheral neuropathy	717
body sway	317, 887	diaphragm pacing system	611
bone	429	disability	795

DN4	575	hallux valgus	117
Duchenne muscular dystrophy	613	hamstring stretch	865
dyskinesia	549	hand grip training	521
		health expenditure	685
early post-operative disability	23	health status	65
early post-operative residual pain	23	healthcare providers	541
electromyography (EMG)	15, 55, 123, 191, 219, 1 295, 337, 533, 557	hemiplegia	205
electrophysiological grade	309	herniated disc	351
electrostimulation of postural muscles	151	hip fracture	49
EMG	279	human gait	109
employed women	597	hyaluronan	881
end plate degeneration	771	hyperalgesia	327
endurance	643	hyperkyphosis	515
erector spinae	249, 581	idiopathic hyperkyphosis	515
erector spinae muscle	337	idiopathic scoliosis	403
ergonomics	459, 859	iliotibial band syndrome	161
evidence based	231	imaging	171
exercise rehabilitation	649	industrial worker	865
exercise therapy	123, 161, 603	injury	899
		integrative approach	231
facet joint	771	interleukin-6	145
facet orientation	581	internal oblique abdominals	731
facet tropism	581	intervertebral disc	171, 771
fall risk	343	intervertebral motion	445
falls	493	intra-articular fractures	845
fatigability	31	intraarticular injection	881
FBSS	7	Intraclass Correlation Coefficient	873
femoral cartilage	703, 841	isokinetic tests	817
fibromyalgia	77, 287	isometric exercise	31
Fibromyalgia syndrome	145		
fibrous dysplasia	387	JND	787
Fitzhugh-Nagumo	749	joint position sense	85
flexion-relaxation	249		
force	279	kinematic	259
fractures	635	kinematic analysis	15, 231
frail elderly	493	Kinesio taping	373, 853
frequency	183	kinesiophobia	41, 673
frozen shoulder	779	kinesiotaping	709
functional ankle instability	97	knee	65, 787
functional capacity	661	knee injuries	259
functional disability	709	knee joint	845
functional status	853	knee osteoarthritis	881
gait	295, 403, 439	LANSS	575
gender	41, 301	Laser therapy	77
grade III latissimus dorsi tear	905	lateral epicondylitis	853
graded exercise	673	latissimus dorsi tear in football	905
grip power	521	latissimus dorsi tear in soccer	905
group exercise	467	latissimus dorsi tear rehabilitation	905
group therapy	673		

Leeds Assessment of Neuropathic Symptoms and Signs	717	musculoskeletal sonography	381
ligamentum flavum	771	musculoskeletal ultrasound	171
local trunk muscle activation	731	myofascial pain syndrome	895
low back	219	neck pain	825
low back pain (LBP)	31, 135, 183, 231, 241, 361, 467, 477, 503, 533, 541, 565, 603, 685, 709, 865	needles	301
lower extremity	191	nerve	899
low-level laser therapy	459	neurological disorders	205
lumbar	393	neuromuscular diseases	613
lumbar disc surgery	23	neuromuscular electrical stimulation	183
lumbar fatigue	267	neuropathic pain	575, 835
lumbar multifidus (LM)	533	non-invasive spinal sagittal curves measure	873
lumbar radicular pain	693	nonsurgical treatment	393
lumbar rotation	467	nurses	541
lumbar spine	171, 445	occupational health	541
lumbar spine height	171	occupational injuries	417
lumbar spine muscle recruitment	649	operant conditioning	673
magnetic resonance imaging	581	orthopedic manual therapy	231
manipulative treatment	23	orthoses	459, 613
manual therapies	161	osteoarthritis	65, 191
McKenzie	351	Oswestry	673
MDT	351	Oswestry Disability Index	393
measurement	15	pain	301, 661
mechanical low back pain	55	pain pressure threshold	327
medial branch	361	paraplegia	817
medial femoral condyle	841	paraspinal muscle	581
median	309	patellofemoral joint	259
menisci	845	pelvic control	865
menstrual cycle	709	pelvic floor muscle contraction	731
meta-analysis	393, 635	pelvic floor muscles	241
micro-discectomy	23	perceived exertion	109
Milwaukee brace	515	peripheral nerve injuries	367
mobility	723	perturbation	317
mobilization	55	pes planus	809
modified push up	557	physical activity	41
moiré method	211	physical activity level	527
monostotic	387	physical examination	603
mortality	49	physical therapists	417
MRI	771	physical therapy	763, 779
multifidus	581, 731	physical therapy after latissimus dorsi tear	905
multiple extra-articular synovial cysts	381	physicians	541
muscle	279	pneumothorax	895
muscle endurance	31	position	211
muscle onset and offset detection	219	postpartum	55
muscle strength	191, 273	postural asymmetry	337
muscle strength	65	postural balance	117, 343
muscle strength dynamometer	259	postural examination	15
musculoskeletal disorders	417, 859	postural stability	477
musculoskeletal pain	541, 597	postural sway	97

posture	859	spa	429
posturography	477	spatial	267
predictive value of tests	693	spinal cord injury	205
prevalence work related disorders	763	spinal cord stimulation	7
proprioception	85, 787, 887	spinal instability	445
psoas major	581	spinal muscles	31
psoriatic arthritis	703	spine	171, 273, 387
psychometrics	565	spine kinematics	445
pulsed radiofrequency	361	spine mobility	873
		spine motion	741
quality of life	77, 151, 527	spine posture	741
questionnaires	603	stabilization exercises	649
		Standard Error of Measurement	873
range intervals	787	standing flexion	249
real time ultrasound imaging	183	standing position	211
reconstruction	343	standing worker	865
rehabilitation	23, 89, 123, 367, 459, 673	Star Excursion Balance Test	887
reliability	171, 287, 873	static posturography	151
respiration	587	stratification care	231
respiratory dysfunction	825	subacromial impingement	801
respiratory insufficiency	611	subchondral	429
respiratory muscle endurance training	825	sudden load	219
return-to-work	503	surface electromyography	731
rheumatoid arthritis	381	surgery	613
ring finger	309	surgical treatment	387, 393
risk factors	487		
Rolland Morris	467	T ₂ signal intensity	581
rotation exercises	467	Tai Chi	493
RULA	859	Tai Ji	493
running	161	Tampa Kinesiophobia Scale	527
running in place in a limited area	757	temporomandibular disorder	373
		temporomandibular dysfunction	487
safety strategies	763	temporomandibular joint	373
scapula	549	temporomandibular pain	373
scoliosis	613	thickness	643, 703
scoliosis brace	403	thoracic mobilization	587
seated flexion	249	tibial	845
selective electrical stimulation	749	tibialis anterior	809
SEMG	267	total knee arthroplasty	439
sensorial response	309	transcutaneous electrical nerve stimulation	661
serratus anterior	549	transfemoral amputation	841
sex	301	transforaminal epidural injection	351
shockwaves	161	transforaminal epidural steroid injection	693
short-foot exercise	809	transverse abdominus	731
shoulder	899	transversus abdominis	183
shoulder joint external rotation peak torque	521	trapezius	549
shoulder joint internal rotation peak torque	521	trauma	899
shoulder pain	779, 795	treatment	853
sick-leave	135	treatment outcome	367
sitting position	211	trigger point injection	895
sleep	801	trigger points	301

tripolar configuration	749	validity	287
trunk angle	249	videofluoroscopy	445
trunk muscle activation	741	visual analog scale	467
trunk stability	295	vitamin D	205
tumor necrosis factor-alpha	145	vitamin D insufficiency	205
Turkish	287		
		walking	731
ulnar	309	wheelchair sports	795
ultrasonography	717	wheelchair user's shoulder pain index	795
ultrasound	241, 703	whole body vibration	557
ultrasound	643, 801, 841	work ability	865
ultrasound guided injection	381	worker's compensation	503
ultrasound imaging	273	workload	541
upper extremities	817		
upper limb muscles	557	young adults	109
upright posture	15	younger adults	117
validation of measures	287	zygapophyseal joint mediated neck pain	1
validation studies	135		