Ce mois-ci, 910 articles indexés dans Medline entre le 2 Novembre 2017 et le 1° Décembre 2017 ont été retrouvés à partir de l’interrogation « massage OR "manual therapy" OR "physical therapy" OR posture OR chiropractic OR physiotherapy OR "exercise therapy" OR "human biomechanic" » en date du 3 Novembre.

Parmi eux, les titres de 93 d’entre eux ont attiré mon attention, dont certains en open access (accès libre et gratuit).

Vous en trouverez la liste ci-dessous, dans le PDF ou le fichier Word joint (le lien sur le titre vous permet d’aller consulter le résumé sur Medline).

**Liste**

1. Effects of the Nordic Hamstring exercise on sprint capacity in male football players: a randomized controlled trial.

2. Les caractéristiques des tuteurs de résilience des étudiants en soins infirmiers vulnérabilisés.

3. European normative values for physical fitness in children and adolescents aged 9-17 years: results from 2 779 165 Eurofit performances representing 30 countries.

4. Sensitivity of intervertebral joint forces to center of rotation location and trends along its migration path.

5. Reference values and equations reference of balance for children of 8 to 12 years.
6. Impact of 10-Minute Interval Roller Massage on Performance and Active Range of Motion.

7. Muscle stretching exercises and resistance training in fibromyalgia: which is better? A three-arm randomized controlled trial.


9. Excessive anterior cervical muscle tone affects hyoid bone kinetics during swallowing in healthy individuals. (article en accès libre)

10. The immediate effect of muscle release intervention on muscle activity and shoulder kinematics in patients with frozen shoulder: a cross-sectional, exploratory study. (article en accès libre)

11. Fractal analyses reveal independent complexity and predictability of gait. (article en accès libre)

12. MRI evaluation of the effects of extension exercises on the disc fluid content and location of the centroid of the fluid distribution.

13. Differences in pattern of variability for lower extremity kinematics between walking and running.

14. Frontal plane hip joint loading according to pain severity in people with hip osteoarthritis.

15. Study of the association between gait variability and physical activity. (article en accès libre)

16. Supine posture changes lung volumes and increases ventilation heterogeneity in cystic fibrosis. (article en accès libre)
17. Depth accuracy of the RealSense F200: Low-cost 4D facial imaging. (article en accès libre)

18. Characterization of tissue stiffness of the infraspinatus, erector spinae, and gastrocnemius muscle using ultrasound shear wave elastography and superficial mechanical deformation.

19. What does the shape of our back tell us? correlation between sacrum orientation and lumbar lordosis.

20. Inter- and intrarater reliability of two proprioception tests using clinical applicable measurement tools in subjects with and without knee osteoarthritis.


22. Right versus left side bridge static endurance ability among healthy collegiate students at Taibah University.

23. Validation and inter-rater reliability of a three item falls risk screening tool. (article en accès libre)


25. The effectiveness of interventions aimed at increasing physical activity in adults with persistent musculoskeletal pain: a systematic review and meta-analysis. (article en accès libre)

26. Schroth physiotherapeutic scoliosis-specific exercises for adolescent idiopathic scoliosis: how many patients require treatment to prevent one deterioration? - results from a randomized controlled trial - "SOSORT 2017 Award Winner". (article en accès libre)
27. Single-Leg Hop Test Performance and Isokinetic Knee Strength After Anterior Cruciate Ligament Reconstruction in Athletes. (article en accès libre)

28. Smartphone-based accelerometry is a valid tool for measuring dynamic changes in knee extension range of motion.

29. The effect of augmented somatosensory feedback on standing postural sway.

30. Effects of Pilates and yoga in patients with chronic neck pain: A sonographic study. (article en accès libre)

31. Immediate Effects of Ankle Balance Taping with Kinesiology Tape for Amateur Soccer Players with Lateral Ankle Sprain: A Randomized Cross-Over Design. (article en accès libre)

32. The influence of dosing on effect size of exercise therapy for musculoskeletal foot and ankle disorders: a systematic review.

33. Biomechanical study of isolated radial head dislocation. (article en accès libre)

34. Sample size calculations for blinding assessment.

35. Exercise dynamic stability under unstable conditions increases muscle strength and balance ability in the elderly.

36. Test-retest reliability and validity of a motion capture (MOCAP) system for measuring thoracic and lumbar spinal curvatures and sacral inclination in the sagittal plane.

37. Lateral atlantoaxial joint meniscoid volume in individuals with whiplash associated disorder: A case-control study.

38. Considerations to improve the safety of cervical spine manual therapy.

39. The effects of the number of physical therapy sessions on pain, disability, and quality of life in patients with chronic low back pain
40. Implementing a 6-day physiotherapy service in rehabilitation: exploring staff perceptions.

41. Biomechanical mechanism of lateral trunk lean gait for knee osteoarthritis patients.

42. The effect of surgical approach on gait mechanics after total hip arthroplasty.

43. The influence of cervical movement on eye stabilization reflexes: a randomized trial.

44. Manual therapy RCTs: should we control placebo in placebo control? (article en accès libre)

45. Motor imagery ability of patients with lower-limb amputation: exploring the course of rehabilitation effects. (article en accès libre)

46. Kinematic characterization of clinically observed aberrant movement patterns in patients with non-specific low back pain: a cross-sectional study. (article en accès libre)

47. Tactile acuity (dys)function in acute nociceptive low back pain: a doubleblind experiment.

48. Intra-tester Reliability and Construct Validity of a Hip Abductor Eccentric Strength Test. (article en accès libre)

49. Proprioceptive Training for the Prevention of Ankle Sprains: An Evidence-Based Review. (article en accès libre)

50. [Charcot Marie Tooth disease: principles of rehabilitation, physiotherapy and occupational therapy]. (article en accès libre)

51. Pain Neurophysiology Education and Therapeutic Exercise for Patients With Chronic Low Back Pain: A Single-Blind Randomized Controlled Trial.

52. Histological Osteoarthritic Changes in the Human Cervical Spine Facet Joints Related to Age and Gender.
53. Reliability of clinically feasible dual-task tests: Expanded timed get up and go test as a motor task on young healthy individuals.

54. Hydrodilatation with Corticosteroid for the Treatment of Adhesive Capsulitis: A Systematic Review.


56. The activation of transversus abdominis muscle during rapid limb movements depends on the anticipation of postural demand rather than on respiratory reflexes.

57. Do peak torque angles of muscles change following anterior cruciate ligament reconstruction using hamstring or patellar tendon graft? (article en accès libre)

58. Physical activity-based interventions using electronic feedback may be ineffective for reducing pain and disability in patients with chronic musculoskeletal pain: a systematic review with meta-analysis.

59. Effectiveness of the graded motor imagery to improve hand function in patients with distal radius fracture: A randomized controlled trial.

60. Sonographic and Anatomic Description of the Subtalar Joint.

61. What is chiropractic? (article en accès libre)

62. Hip Strength as a Predictor of Ankle Sprains in Male Soccer Players: A Prospective Study. (article en accès libre)

63. The contribution of cochlear implants to postural stability.

64. Comparisons of Interventions for Preventing Falls in Older Adults: A Systematic Review and Meta-analysis.

65. Effect of aerobic exercise on hippocampal volume in humans: A systematic review and meta-analysis. (article en accès libre)

67. Validation of the manual inclinometer and flexicurve for the measurement of thoracic kyphosis.

68. Cervical sagittal balance: a biomechanical perspective can help clinical practice.

69. Home based Tactile Discrimination Training (TDT) reduces phantom limb pain.

70. Effects of horizontal shoulder abduction and adduction on the activity and strength of the scapular protractors.

71. The Effects of Massage by Mothers on Mother-Infant Attachment.


73. High prevalence of inadequate sitting and sleeping postures: a three-year prospective study of adolescents. (article en accès libre)

74. Efficacy of corrective exercise strategy in subjects with hyperkyphosis.

75. Determining the cut-off value for knee extensor strength for identifying independence in gait in chronic stroke survivors. (article en accès libre)

76. Is bone density associated with intervertebral disc pressure in healthy and degenerated discs?

77. A multi-joint model of quiet, upright stance accounts for the "uncontrolled manifold" structure of joint variance. (article en accès libre)

78. Precision based guidelines for sub-maximal normalisation task selection for trunk extensor EMG. (article en accès libre)
79. Contraction of the transverse abdominal muscle in pelvic girdle pain is enhanced by pain provocation during the task.

80. Updated reliability and normative values for the standing heel-rise test in healthy adults.

81. In vivo effects of limb movement on nerve stretch, strain, and tension: A systematic review.

82. Influence of neck torsion on near point convergence in subjects with idiopathic neck pain.

83. Diabetic Neuropathy and Gait: A Review. (article en accès libre)

84. The efficacy of manual therapy and exercise for treating non-specific neck pain: A systematic review.

85. The 2017 EULAR standardised procedures for ultrasound imaging in rheumatology.

86. Specific exercises for subacromial pain. (article en accès libre)


88. Reliability of measurement of the carpal tunnel and median nerve in asymptomatic subjects with ultrasound.

89. Comparison of Lower Limb and Back Exercises for Runners with Chronic Low Back Pain.

90. Change in fatty infiltration of lumbar multifidus, erector spinae, and psoas muscles in asymptomatic adults of Asian or Caucasian ethnicities.

91. Assessing the effects of price regulation and freedom of choice on quality: evidence from the physiotherapy market. (article en accès libre)
92. Are Ultrasonographic Measures of Cervical Flexor Muscles Correlated With Flexion Endurance in Chronic Neck Pain and Asymptomatic Participants?