**Online supplement 4: CPG AGREE II domain scores and quality assessment (%)**

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| **Title** | **1. Scope and purpose** | **2. Stakeholder Involvement** | **3. Rigour of development** | **4. Clarity of presentation** | **5. Applicability** | **6. Editorial independence** | **Overall assessment** | **Quality (high/low)** |
| **Osteoarthritis** |  |  |  |  |  |  |  |  |
| AAOS – knee osteoarthritis 58 | 94 | 57 | 87 | 78 | 29 | 81 | 78 | **High** |
| AAOS – Hip OA 59 | 78 | 48 | 85 | 63 | 44 | 78 | 56 | **Low** |
| ACR – hand, hip and knee osteoarthritis 60 | 69 | 33 | 53 | 67 | 7 | 22 | 44 | **Low** |
| EULAR - hip and knee osteoarthritis 36 | 80 | 67 | 56 | 76 | 19 | 50 | 61 | **High** |
| ESCEO – knee osteoarthritis 61 | 65 | 26 | 37 | 61 | 21 | 67 | 44 | **Low** |
| ESCEO – Knee osteoarthritis with updated algorithm of pharmacological interventions 62 | 63 | 20 | 10 | 63 | 11 | 0 | 28 | **Low** |
| KNGF - physiotherapy hip/knee osteoarthritis 63 | 78 | 63 | 55 | 83 | 46 | 11 | 61 | **Low** |
| MaHTAS – osteoarthritis 43 | 80 | 56 | 43 | 54 | 39 | 39 | 44 | **Low** |
| NICE – osteoarthritis 45 | 85 | 80 | 90 | 94 | 88 | 78 | 89 | **High** |
| OARSI – knee osteoarthritis 42 | 74 | 63 | 55 | 70 | 4 | 78 | 67 | **High** |
| Ottawa – osteoarthritis obese/overweight 64 | 89 | 56 | 58 | 50 | 28 | 28 | 56 | **Low** |
| Ottawa - patient education osteoarthritis 65 | 72 | 54 | 53 | 39 | 13 | 6 | 33 | **Low** |
| Ottawa – Hip OA 66 | 89 | 48 | 67 | 50 | 33 | 44 | 44 | **Low** |
| VA/DoD - hip and knee osteoarthritis 67 | 85 | 50 | 60 | 78 | 25 | 3 | 56 | **Low** |
| **Low back pain** |  |  |  |  |  |  |  |  |
| ACP – low back pain 68 | 91 | 46 | 78 | 80 | 18 | 58 | 83 | **Low** |
| APTA – low back pain 70 | 78 | 50 | 45 | 67 | 29 | 3 | 44 | **Low** |
| Belgium – low back pain 38 | 87 | 56 | 70 | 80 | 60 | 64 | 61 | **High** |
| CCGPP – low back pain 37 | 67 | 54 | 60 | 39 | 25 | 61 | 44 | **High** |
| BPS – low back pain/radicular pain 71 | 56 | 48 | 8 | 57 | 21 | 25 | 17 | **Low** |
| \*Cheng et al – low back pain 72. | 41 | 15 | 26 | 39 | 17 | 0 | 17 | **Low** |
| Colorado DLE WC – low back pain 73 | 70 | 33 | 63 | 48 | 31 | 22 | 28 | **Low** |
| Danish low back pain 40 | 87 | 65 | 77 | 80 | 32 | 64 | 67 | **High** |
| ICSI – low back pain 74 | 78 | 46 | 41 | 72 | 51 | 72 | 56 | **Low** |
| NASS - lumbar disc herniation with radiculopathy 75 | 72 | 33 | 51 | 48 | 10 | 33 | 39 | **Low** |
| NASS - degenerative lumbar spinal stenosis 76 | 76 | 26 | 48 | 44 | 8 | 39 | 39 | **Low** |
| NASS - degenerative lumbar spondylolisthesis 77 | 81 | 30 | 51 | 44 | 25 | 42 | 39 | **Low** |
| NICE – low back pain and sciatica in over 16s 35 | 89 | 78 | 85 | 93 | 83 | 72 | 89 | **High** |
| Philippine (PARM) – low back pain 44 | 81 | 39 | 28 | 43 | 17 | 8 | 22 | **Low** |
| TOP – LBP 78 | 72 | 31 | 17 | 74 | 19 | 0 | 33 | **Low** |
| **Shoulder** |  |  |  |  |  |  |  |  |
| Colorado DLE WC – shoulder 79 | 74 | 30 | 53 | 37 | 22 | 19 | 33 | **Low** |
| DOA - Subacromial pain 80 | 78 | 26 | 28 | 48 | 11 | 3 | 22 | **Low** |
| \*Eubank et al - rotator cuff 81 | 74 | 37 | 33 | 46 | 25 | 22 | 39 | **Low** |
| \*Hopman et al - rotator cuff 41 | 87 | 74 | 73 | 78 | 50 | 56 | 67 | **High** |
| I.S.Mu.L.T - rotator cuff tears 82 | 43 | 17 | 19 | 35 | 10 | 0 | 28 | **Low** |
| WSDL & I – shoulder 83 | 74 | 44 | 20 | 37 | 24 | 8 | 22 | **Low** |
| **Neck** |  |  |  |  |  |  |  |  |
| CCA – neck pain 84 | 63 | 37 | 55 | 50 | 10 | 31 | 44 | **Low** |
| CCGI – Neck pain-associated and whiplash-associated disorders 33 | 72 | 63 | 70 | 65 | 43 | 67 | 56 | **High** |
| Colorado DLE WC - cervical spine injury 85 | 81 | 37 | 57 | 52 | 35 | 25 | 39 | **Low** |
| OPTIMa – neck pain 34 | 94 | 67 | 80 | 91 | 38 | 50 | 67 | **High** |
| SIMFER - neck pain 86 | 46 | 30 | 15 | 37 | 7 | 0 | 22 | **Low** |
| **Cervical and thoracic spine** |  |  |  |  |  |  |  |  |
| ACOEM – Cervical and thoracic spine 87 | 54 | 31 | 49 | 61 | 29 | 53 | 39 | **Low** |
| **Knee** |  |  |  |  |  |  |  |  |
| \*Barton et al – P-F Pain 88 | 69 | 24 | 56 | 61 | 25 | 69 | 61 | **Low** |
| **Musculoskeletal** |  |  |  |  |  |  |  |  |
| ACE - musculoskeletal injuries 89 | 37 | 28 | 17 | 39 | 11 | 8 | 17 | **Low** |
| **Lower Limb** |  |  |  |  |  |  |  |  |
| Colorado DLE WC – lower extremity 90 | 70 | 28 | 54 | 41 | 19 | 17 | 33 | **Low** |

\*First author given where there is no stated organisation; AAOS - American Academy of Orthopedic Surgeons; ACP – American College of Physicians; ACR - American College of Rheumatology; CCGI - Canadian Chiropractic Guideline Initiative; EULAR - European League Against Rheumatism; ESCEO - European Society for Clinical and Economic Aspects of Osteoporosis and Osteoarthritis; KNGF - Royal Dutch Society of Physiotherapy; MaHTAS - Malaysia Health Technology Assessment Section Medical Development Division, Ministry of Health; NICE - National Institute for Health and Care Excellence; OARSI - Osteoarthritis Research Society International; Ottawa – Ottawa Panel; VA/DOD - Department of Veterans Affairs and the Department of Defence; APTA – Orthopaedic Section of the American Physical Therapy Association; CCGPP - Council on Chiropractic Guidelines and Practice Parameters; BPS - British Pain Society; Colorado DLE WC – Colorado Department of Labour and Employment Workers Compensation; ICSI - Institute for Clinical Systems Improvement; NASS - North American Spine Society; PARM - Philippine Academy of Rehabilitation Medicine; TOP - Toward Optimized Practice; DOA - Dutch Orthopaedic Association; I.S.Mu.L.T - Italian Society of Muscle Ligaments and Tendons; WSDL & I - Washington State Department of Labor and Industries; CCA - Canadian Chiropractic Association; OPTIMa –Ontario Protocol for Traffic Injury Management Collaboration; SIMFER - the Italian Society of Physical and Rehabilitation Medicine; ACOEM - American College of Occupational and Environmental Medicine; P-F – patellofemoral; ACE – Academy for Chiropractic Education.