

Appendix I: Search strategy

Medline (Pubmed) Search conducted on 15th August 2021

Search	Query	Records retrieved
#1	"Peripheral Pain"[Title/Abstract] OR "Leg Pain"[Title/Abstract] OR "Arm Pain"[Title/Abstract] OR "Hip Pain"[Title/Abstract] OR "Shoulder Pain"[Title/Abstract] OR "Knee Pain"[Title/Abstract] OR "Foot Pain"[Title/Abstract] OR "Ankle Pain"[Title/Abstract] OR "Hamstring Pain"[Title/Abstract] OR "Calf Pain"[Title/Abstract] OR "Quadriceps Pain"[Title/Abstract] OR "Elbow Pain"[Title/Abstract] OR "Wrist Pain"[Title/Abstract] OR "Finger Pain"[Title/Abstract] OR "Toe Pain"[Title/Abstract] OR "Gluteal Pain"[Title/Abstract] OR "Rotator Cuff Pain"[Title/Abstract] OR "Biceps Pain"[Title/Abstract] OR "Tendon Pain"[Title/Abstract] OR "Muscle Pain"[Title/Abstract] OR "Muscle Soreness"[Title/Abstract] OR "Musculoskeletal Pain"[Title/Abstract] OR "Acute Pain"[Title/Abstract] OR "Chronic Pain"[Title/Abstract] OR "Nociceptive Pain"[Title/Abstract] OR "Inflammatory Pain"[Title/Abstract] OR "Neuropathic Pain"[Title/Abstract] OR "Nociplastic Pain"[Title/Abstract] OR "Affective Pain"[Title/Abstract] OR "Central Sensitisation"[Title/Abstract] OR "Central Sensitization"[Title/Abstract] OR "Peripheral Sensitisation"[Title/Abstract] OR "Peripheral Sensitization"[Title/Abstract] OR "Ischaemic Pain"[Title/Abstract] OR "Referred Pain"[Title/Abstract] OR "Postoperative Pain"[Title/Abstract] OR "Neuralgia"[Title/Abstract] OR "Arthralgia"[Title/Abstract] OR "Myalgia"[Title/Abstract] OR "pain catastrophis*"[Title/Abstract] OR "pain catastrophiz*"[Title/Abstract] OR "Metatarsalgia"[Title/Abstract] OR "Patellofemoral Pain Syndrome"[Title/Abstract] OR "complex regional pain syndrome*"[Title/Abstract] OR "limb pain"[Title/Abstract] OR "myofascial pain"[Title/Abstract] OR "inguinal pain"[Title/Abstract] OR "Musculoskeletal Pain"[Mesh] OR "Acute Pain"[Mesh] OR "Chronic Pain"[Mesh] OR "Nociceptive Pain"[Mesh] OR "Pain, Referred"[Mesh] OR "Pain, Postoperative"[Mesh] OR "Neuralgia"[Mesh] OR "Arthralgia"[Mesh] OR "Catastrophization"[Mesh] OR "Metatarsalgia"[Mesh] OR "Patellofemoral Pain Syndrome"[Mesh] OR "Complex Regional Pain Syndromes"[Mesh]	147,433
#2	"Back Pain"[Title/Abstract] OR "Low Back Pain"[Title/Abstract] OR "Chronic Low Back Pain"[Title/Abstract] OR "Thoracic Pain"[Title/Abstract] OR "Chest Pain"[Title/Abstract] OR "Abdominal Pain"[Title/Abstract] OR "Neck Pain"[Title/Abstract] OR "Headache"[Title/Abstract] OR "Cervical Pain"[Title/Abstract] OR "lumbar pain"[Title/Abstract] OR "Sciatica"[Title/Abstract] OR "Neck Ache"[Title/Abstract] OR "Back Ache"[Title/Abstract] OR "backache"[Title/Abstract] OR "Spinal Pain"[Title/Abstract] OR "Lumbago"[Title/Abstract] OR "Facet Joint Pain"[Title/Abstract] OR "Facet Pain"[Title/Abstract] OR "Disc Pain"[Title/Abstract] OR "Pelvic Pain"[Title/Abstract] OR "thorax pain"[Title/Abstract] OR "Back Pain"[Mesh] OR "Neck Pain"[Mesh] OR "Chest Pain"[Mesh] OR "Abdominal Pain"[Mesh]	211,294
#3	#1 NOT #2	125,820

#4	Athlet*[Title/Abstract] OR Sportsperson*[Title/Abstract] OR Sportsm*[Title/Abstract] OR "Elite Athlete*[Title/Abstract] OR "Professional Athlete*[Title/Abstract] OR "Competitive Athlete*[Title/Abstract] OR "Semi-Professional Athlete*[Title/Abstract] OR Footballer*[Title/Abstract] OR Swimmer*[Title/Abstract] OR Rower*[Title/Abstract] OR Sailor*[Title/Abstract] OR Runner*[Title/Abstract] OR Golfer*[Title/Abstract] OR Cyclist*[Title/Abstract] OR Weightlifter*[Title/Abstract] OR Olympian*[Title/Abstract] OR Powerlifter*[Title/Abstract] OR canoeist*[Title/Abstract] OR Player*[Title/Abstract] OR Sport*[Title/Abstract] OR Thrower* [Title/Abstract] OR Jumper* [Title/Abstract] OR Baller* [Title/Abstract] OR "Athletes"[Mesh] OR "Sports"[Mesh]	214,750
#5	"Pain Assessment"[Title/Abstract] OR "Pain Measurement"[Title/Abstract] OR "Pain Classification"[Title/Abstract] OR "Pain scales"[Title/Abstract] OR "Pain Domains"[Title/Abstract] OR "Pain States"[Title/Abstract] OR "Pain factors"[Title/Abstract] OR "Pain risk factors"[Title/Abstract] OR "pain predic*[Title/Abstract] OR "Quantitative Sensory Testing"[Title/Abstract] OR "Visual Analogue Scale"[Title/Abstract] OR "Numerical Pain Rating Scale"[Title/Abstract] OR "PainDetect"[Title/Abstract] OR "Pain Perception"[Title/Abstract] OR "Perceived Pain"[Title/Abstract] OR "Pain Threshold"[Title/Abstract] OR "Pain Modulation"[Title/Abstract] OR "Pain location"[Title/Abstract] OR "pain map*[Title/Abstract] OR "pressure pain*[Title/Abstract] OR "Pain Evaluation"[Title/Abstract] OR "Pressure Algometry"[Title/Abstract] OR "Pain Characteristics"[Title/Abstract] OR "international classification of functioning disability and health"[Title/Abstract] OR "International Classification of Diseases"[Title/Abstract] OR "Assess Pain"[Title/Abstract] OR "Measure Pain"[Title/Abstract] OR "Evaluate Pain"[Title/Abstract] OR "Pain Experience"[Title/Abstract] OR "Pain Questionnaires"[Title/Abstract] OR "Pain forms"[Title/Abstract] OR "Pain scores"[Title/Abstract] OR "Pain tools"[Title/Abstract] OR "Pain adjectives"[Title/Abstract] OR "Pain description"[Title/Abstract] OR "Pain History"[Title/Abstract] OR "History of pain"[Title/Abstract] OR "Pain interview"[Title/Abstract] OR "Stiffness"[Title/Abstract] OR "Tenderness"[Title/Abstract] OR "Perceived Soreness"[Title/Abstract] OR "Pain Severity"[Title/Abstract] OR "Pain Survey"[Title/Abstract] OR "Survey of Pain"[Title/Abstract] OR "Experience of Pain"[Title/Abstract] OR "Quantify Pain"[Title/Abstract] OR "symptom assessment"[Title/Abstract] "Pain Measurement"[Mesh] OR "Pain Perception"[Mesh] OR "Pain Threshold"[Mesh] OR "Symptom Assessment"[Mesh]	177,321
#6	#3 AND #4 AND #5	1398
Limited to: English language, Humans, Journal Articles.		

Appendix II: Data Charting Tool

Study Data Charting Tool	
Evidence Source Details and Characteristics	
Citation Details (authors, date, title)	
Country/region	
Context (field, research, clinical)	
Study Design	
Study Aims (Pain assessment or classification aims)	
Study Limitations (Pain assessment or classification limitations)	
Participants demographics (age sex, number)	
Sport/competition (type of sport and level)	
Pain area/region (e.g. hip, ankle, knee, etc)	
Peripheral Athlete Pain Details	
Pain measures used (sensory/emotional)	
Other measures used (psychological/physical)	
Pain classification system used	
Pain definition used	
Diagnosis included (case studies)	
Referral information included (case studies)	