

Appendix S1. Search strategy

Population of interest: patients after stroke

STROKE: hemipar*[tiab] OR hemipleg*[tiab] OR "Hemiplegia"[Mesh] OR ((intracerebral[tiab] OR intracran*[tiab] OR cerebell*[tiab] OR cerebr*[tiab] OR brain*[tiab]) AND ("Paresis"[tiab] OR "Paresis"[Mesh])) OR ((bleed*[tiab] OR "Hematoma"[Mesh] OR hematom*[tiab] OR haematom*[tiab] OR hemorrhage*[tiab] OR haemorrhage*[tiab]) AND (subarachnoid[tiab] OR intracerebral[tiab] OR intracran*[tiab] OR cerebell*[tiab] OR cerebr*[tiab] OR brain*[tiab])) OR ((occlus*[tiab] OR emboli*[tiab] OR thrombos*[tiab] OR infarct*[tiab] OR ischaemi*[tiab] OR ischaemi*[tiab]) AND (intracerebral[tiab] OR intracran*[tiab] OR cerebell*[tiab] OR cerebr*[tiab] OR brain*[tiab])) OR ("Brain Ischemia"[Mesh] OR "brain ischemia"[tiab] OR "brain ischaemia"[tiab] OR SAH[tiab] OR apoplex*[tiab] OR cva[tiab] OR brain vasc*[tiab] OR cerebrovasc*[tiab] OR "post stroke"[tiab] OR poststroke[tiab] OR "cerebrovascular disorders"[mesh:noexp] OR "cerebrovascular disorder"[tiab] OR "cerebrovascular disorders"[tiab] OR "carotid artery diseases"[mesh] OR "carotid artery disease"[tiab] OR "carotid artery diseases"[tiab] OR "intracranial arterial diseases"[mesh] OR "intracranial arterial disease"[tiab] OR "intracranial arterial diseases"[tiab] OR "intracranial arteriovenous malformations"[mesh] OR "intracranial arteriovenous malformations"[tiab] OR "intracranial embolism and thrombosis"[mesh] OR "intracranial embolism and thrombosis"[tiab] OR "intracranial hemorrhages"[mesh] OR "intracranial hemorrhages"[tiab] OR "stroke"[mesh] OR "ischemic stroke"[tiab] OR "ischaemic stroke"[tiab] OR "brain infarction"[mesh] OR "brain infarction"[tiab] OR "brain infarctions"[tiab] OR "vasospasm, intracranial"[mesh] OR "intracranial vasospasm"[tiab] OR "cerebral angiospasm"[tiab] OR "vertebral artery dissection"[mesh] OR "vertebral artery dissection"[tiab] OR ("brain injuries"[mesh] OR "brain injury"[tiab] OR "brain injuries"[tiab]) AND (stroke[mesh] OR stroke[tiab] OR "cerebrovascular disorders"[mesh] OR "cerebrovascular disorder"[tiab] OR "cerebrovascular disorders"[tiab])) OR ("cerebrovascular disease"[tiab] OR "cerebrovascular diseases"[tiab])

AND

Construct of interest: VO_{2max}

((("Physical Fitness"[Mesh] OR "physical fitness"[tiab] OR "Physical endurance"[Mesh] OR "physical endurance"[tiab] OR "Physical Exertion"[Mesh] OR "physical exertion"[tiab] OR "Exercise Test"[Mesh] OR "exercise test"[tiab] OR "oxygen uptake"[tiab] OR "exercise capacity"[tiab] OR "exercise tolerance"[tiab] OR "aerobic capacity"[tiab] OR "oxygen consumption"[Mesh] OR "oxygen consumption"[tiab] OR "anaerobic threshold"[tiab] OR (vo2*[tiab] OR "open circuit spirometry"[tiab] OR maximal cardiopulmonary exercise test*[tiab]))

AND

Measurement properties:

((instrumentation[sh] OR methods[sh] OR Validation Studies[pt] OR Comparative Study[pt] OR psychometrics[MeSH] OR psychometr*[tiab] OR clinimetr*[tw] OR clinimetr*[tw] OR "outcome assessment (health care)"[MeSH] OR "outcome assessment"[tiab] OR outcome measure*[tw] OR "observer variation"[MeSH] OR "observer variation"[tiab] OR "Health Status Indicators"[Mesh] OR "reproducibility of results"[MeSH] OR reproducib*[tiab] OR "discriminant analysis"[MeSH] OR reliab*[tiab] OR unreliab*[tiab] OR valid*[tiab] OR coefficient[tiab] OR homogeneity[tiab] OR homogeneous[tiab] OR "internal consistency"[tiab] OR (cronbach*[tiab] AND (alpha[tiab] OR alphas[tiab])) OR (item[tiab] AND (correlation*[tiab] OR selection*[tiab] OR reduction*[tiab])) OR agreement[tiab] OR precision[tiab] OR imprecision[tiab] OR "precise values"[tiab] OR test-retest[tiab] OR (test[tiab] AND retest[tiab]) OR (reliab*[tiab] AND (test[tiab] OR retest[tiab])) OR stability[tiab] OR interrater[tiab] OR inter-rater[tiab] OR intrarater[tiab] OR intra-rater[tiab] OR intertester[tiab] OR inter-tester[tiab] OR intratester[tiab] OR intra-tester[tiab] OR interobserver[tiab] OR inter-observer[tiab] OR intraobserver[tiab] OR intraobserver[tiab] OR intertechnician[tiab] OR inter-technician[tiab] OR intratechnician[tiab] OR intra-technician[tiab] OR interexaminer[tiab] OR inter-examiner[tiab] OR intraexaminer[tiab] OR intra-examiner[tiab] OR interassay[tiab] OR inter-assay[tiab] OR intraassay[tiab] OR intra-assay[tiab] OR interindividual[tiab] OR inter-individual[tiab] OR intraindividual[tiab] OR intra-individual[tiab] OR interparticipant[tiab] OR inter-participant[tiab] OR intraparticipant[tiab] OR intra-participant[tiab] OR kappa[tiab] OR kappa's[tiab] OR kappas[tiab] OR repeatab*[tiab] OR ((replicab*[tiab] OR repeated[tiab]) AND (measure[tiab] OR measures[tiab] OR findings[tiab] OR result[tiab] OR results[tiab] OR test[tiab] OR tests[tiab])) OR generaliza*[tiab] OR generalisa*[tiab] OR concordance[tiab] OR (intraclass[tiab] AND correlation*[tiab]) OR discriminative[tiab] OR "known group"[tiab] OR "factor analysis"[tiab] OR "factor analyses"[tiab] OR dimension*[tiab] OR subscale*[tiab] OR (multitrait[tiab] AND scaling[tiab] AND (analysis[tiab] OR analyses[tiab])) OR "item discriminant"[tiab] OR "interscale correlation*" [tiab] OR error[tiab] OR errors[tiab] OR "individual variability"[tiab] OR (variability[tiab] AND (analysis[tiab] OR values[tiab])) OR (uncertainty[tiab] AND (measurement[tiab] OR measuring[tiab])) OR "standard error of measurement"[tiab] OR sensitiv*[tiab] OR responsive*[tiab] OR ((minimal[tiab] OR minimally[tiab] OR clinical[tiab] OR clinically[tiab]) AND (important[tiab] OR significant[tiab] OR detectable[tiab]) AND (change[tiab] OR difference[tiab])) OR (small*[tiab] AND (real[tiab] OR detectable[tiab])) AND (change[tiab] OR difference[tiab])) OR "meaningful change" [tiab] OR "ceiling effect"[tiab] OR "floor effect"[tiab] OR "Item response model"[tiab] OR IRT[tiab] OR Rasch[tiab] OR "Differential item functioning"[tiab] OR DIF[tiab] OR "computer adaptive testing"[tiab] OR "item bank"[tiab] OR "cross-cultural equivalence"[tiab]))