

Supplement 1A Example Original Embase Library Search Result

Embase Session Results (25 Feb 2022)		
No.	Query	Results
#12	#8 NOT #11	1330
#11	#9 NOT #10	172
#10	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ([animals]/lim NOT [humans]/lim) AND ([english]/lim OR [german]/lim) AND ([child]/lim OR [adolescent]/lim) AND ([adult]/lim OR [aged]/lim OR [very elderly]/lim)	199
#9	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ([animals]/lim NOT [humans]/lim) AND ([english]/lim OR [german]/lim) AND ([child]/lim OR [adolescent]/lim)	371
#8	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ([animals]/lim NOT [humans]/lim) AND ([english]/lim OR [german]/lim)	1502
#7	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ([animals]/lim NOT [humans]/lim)	1547
#6	#1 AND #2 AND #3 NOT [conference abstract]/lim	1620
#5	#1 AND #2 AND #3 AND [conference abstract]/lim	1573
#4	#1 AND #2 AND #3	3193
#3	'measurement'/exp OR 'devices'/exp OR 'validation study'/exp OR 'comparative study'/exp OR 'psychometry'/exp OR 'outcome assessment'/exp OR 'observer variation'/exp OR 'health status indicator'/exp OR 'reproducibility'/exp OR 'discriminant analysis'/exp OR 'clinimet'\$.ab,kw,de OR 'clinometr'\$.ab,kw,de OR 'outcome measure'\$.ab,kw,de OR 'agreement'\$.ab,kw,de OR 'precision'\$.ab,kw,de OR 'imprecision'\$.ab,kw,de OR 'precise values'\$.ab,kw,de OR '(((replicab* OR repeated) NEAR/3 (measure OR measures OR findings OR result OR results OR test OR tests))\$.ab,kw,de) OR 'psychometr'\$.ab OR 'outcome assessment'\$.ab OR 'observer variation'\$.ab OR 'reproducib'\$.ab OR 'reliab'\$.ab OR 'unrelab'\$.ab OR 'valid'\$.ab OR 'coefficient of variation'\$.ab OR 'coefficient'\$.ab OR 'homogeneity'\$.ab OR 'homogeneous'\$.ab OR 'internal consistency'\$.ab OR '((conbach* NEAR/3 (alpha OR alphas))\$.ab) OR ((item NEAR/3 (correlation* OR selection* OR reduction*))\$.ab) OR 'test retest'\$.ab OR 'test'\$.ab AND retest'\$.ab) OR ((reliab* NEAR/3 (test OR retest))\$.ab) OR 'stability'\$.ab OR 'interater'\$.ab OR 'inter rater'\$.ab OR 'intra rater'\$.ab OR 'intra rater'\$.ab OR 'intertester'\$.ab OR 'inter tester'\$.ab OR 'intratester'\$.ab OR 'intra tester'\$.ab OR 'interobserver'\$.ab OR 'inter observer'\$.ab OR 'intraobserver'\$.ab OR 'intra observer'\$.ab OR 'intertechician'\$.ab OR 'inter technician'\$.ab OR 'intratechnician'\$.ab OR 'intra technician'\$.ab OR 'interexaminer'\$.ab OR 'inter examiner'\$.ab OR 'intraexaminer'\$.ab OR 'intra examiner'\$.ab OR 'interassay'\$.ab OR 'inter assay'\$.ab OR 'intraassay'\$.ab OR 'intra assay'\$.ab OR 'interindividual'\$.ab OR 'inter individual'\$.ab OR 'intraindividual'\$.ab OR 'intra individual'\$.ab OR 'interparticipant'\$.ab OR 'inter participant'\$.ab OR 'intraparticipant'\$.ab OR 'intra participant'\$.ab OR 'kappa'\$.ab OR 'kappa s'\$.ab OR 'kappas'\$.ab OR 'repeatab'\$.ab,kw,de OR 'generaliza'\$.ab OR 'generalisa'\$.ab OR 'concordance'\$.ab OR '(((intraclass NEAR/3 correlation*))\$.ab) OR 'discriminative'\$.ab OR 'known group'\$.ab OR 'factor analysis'\$.ab OR 'factor analyses'\$.ab OR 'factor structure'\$.ab OR 'factor structures'\$.ab OR 'dimension'\$.ab OR 'subscale'\$.ab OR 'multitrait'\$.ab AND 'scaling'\$.ab AND (analysis'\$.ab OR 'analyses'\$.ab) OR 'item discriminant'\$.ab OR 'interscale correlation'\$.ab OR 'error'\$.ab OR 'errors'\$.ab OR 'individual variability'\$.ab OR 'interval variability'\$.ab OR 'rate variability'\$.ab OR ((variability NEAR/3 (analysis OR values))\$.ab) OR ((uncertainty NEAR/3 (measurement OR measuring))\$.ab) OR 'standard error of measurement'\$.ab OR 'sensitivity'\$.ab OR 'responsive'\$.ab OR ((limit NEAR/3 detection))\$.ab) OR 'minimal detectable concentration'\$.ab OR 'interpretab'\$.ab OR ((minimal OR minimally OR clinical OR clinically) NEAR/6 (important OR significant OR detectable) NEAR/6 (change OR difference))\$.ab) OR ((small* NEAR/6 (real OR detectable) NEAR/6 (change OR difference))\$.ab) OR 'meaningful change'\$.ab OR 'ceiling effect'\$.ab OR 'floor effect'\$.ab OR 'item response model'\$.ab OR 'irt'\$.ab OR 'rasch'\$.ab OR 'differential item functioning'\$.ab OR 'dif'\$.ab OR 'computer adaptive testing'\$.ab OR 'item bank'\$.ab OR 'cross-cultural equivalence'\$.ab	12375267
#2	'physical performance'/exp OR 'muscle strength'/exp OR 'muscle weakness'/exp OR 'musculoskeletal function'/exp OR 'physical activity'/exp OR 'endurance'/exp OR 'range of motion'/exp OR 'flexion contracture'/exp OR 'body equilibrium'/exp OR 'velocity'/exp OR (((physical OR functional) NEAR/3 (activit* OR function* OR performanc*))\$.ab,kw) OR ((motor NEAR/3 (abilit* OR function* OR skill* OR performanc*))\$.ab,kw) OR ((muscle NEAR/3 (strength OR weakness OR atrophy* OR function*))\$.ab,kw) OR 'endurance'\$.ab,kw OR 'range of motion'\$.ab,kw OR 'gait'\$.ab,kw OR 'walking'\$.ab,kw OR 'arthrometr'\$.ab,kw OR 'goniometr'\$.ab,kw OR 'balance'\$.ab,kw OR 'velocity'\$.ab,kw OR ((flexion NEAR/3 contract*)\$.ab,kw) OR ((joint NEAR/3 flexibilit*)\$.ab) OR ((body OR postur* OR core OR musc*) NEAR/3 (sway OR equilibrium OR control OR stability))\$.ab)	4176240
#1	'hemophilia'/exp OR 'haemophil'\$.ab,kw OR 'subhaemophil'\$.ab,kw OR 'hemophil'\$.ab,kw OR 'subhemophil'\$.ab,kw OR 'bleeding disorder'\$.ab,kw OR (((factor viii* OR factor 8) NEAR/3 deficient*)\$.ab,kw)	88142

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Embase session results (3 Aug 2023)

No.	Query	Results
#13	#8 NOT #11 AND [24-02-2022]/sd NOT [04-08-2023]/sd	262
#12	#8 NOT #11	1561
#11	#9 NOT #10	198
#10	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ((animals)/lim NOT (humans)/lim) AND ((english)/lim OR [german]/lim) AND ((child)/lim OR [adolescent]/lim) AND ((adult)/lim OR [aged]/lim OR [very elderly]/lim)	234
#9	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ((animals)/lim NOT (humans)/lim) AND ((english)/lim OR [german]/lim) AND ((child)/lim OR [adolescent]/lim)	432
#8	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ((animals)/lim NOT (humans)/lim) AND ((english)/lim OR [german]/lim)	1759
#7	#1 AND #2 AND #3 NOT [conference abstract]/lim NOT ((animals)/lim NOT (humans)/lim)	1805
#6	#1 AND #2 AND #3 NOT [conference abstract]/lim	1888
#5	#1 AND #2 AND #3 AND [conference abstract]/lim	1749
#4	#1 AND #2 AND #3	3637
#3	'measurement'/exp OR 'devices'/exp OR 'validation study'/exp OR 'comparative study'/exp OR 'psychometry'/exp OR 'outcome assessment'/exp OR	13835642

No.	Query	Results
	'observer variation'/exp OR 'health status indicator'/exp OR 'reproducibility'/exp OR 'discriminant analysis'/exp OR 'clinimetr':ti,ab,kw,de OR 'clinometr':ti,ab,kw,de OR 'outcome measure':ti,ab,kw,de OR agreement:ti,ab,kw,de OR precision:ti,ab,kw,de OR imprecision:ti,ab,kw,de OR 'precise values':ti,ab,kw,de OR (((replicab* OR repeated) NEAR/3 (measure OR measures OR findings OR result OR results OR test OR tests)):ti,ab,kw,de) OR psychometr':ti,ab OR 'outcome assessment':ti,ab OR 'observer variation':ti,ab OR reproducib':ti,ab OR reliab':ti,ab OR unreliab':ti,ab OR valid':ti,ab OR 'coefficient of variation':ti,ab OR coefficient:ti,ab OR homogeneity:ti,ab OR homogeneous:ti,ab OR 'internal consistency':ti,ab OR ((cronbach* NEAR/3 (alpha OR alphas)):ti,ab) OR ((item NEAR/3 (correlation* OR selection* OR reduction)):ti,ab) OR 'test retest':ti,ab OR (test:ti,ab AND retest:ti,ab) OR ((reliab* NEAR/3 (test OR retest)):ti,ab) OR stability:ti,ab OR interrater:ti,ab OR 'inter rater':ti,ab OR intrarater:ti,ab OR 'intra rater':ti,ab OR intertester:ti,ab OR 'inter tester':ti,ab OR intratester:ti,ab OR 'intra tester':ti,ab OR interobserver:ti,ab OR 'inter observer':ti,ab OR intraobserver:ti,ab OR 'intra observer':ti,ab OR intertechnician:ti,ab OR 'inter technician':ti,ab OR intratechnician:ti,ab OR 'intra technician':ti,ab OR interexaminer:ti,ab OR 'inter examiner':ti,ab OR intraexaminer:ti,ab OR 'intra examiner':ti,ab OR interassay:ti,ab OR 'inter assay':ti,ab OR intraassay:ti,ab OR 'intra assay':ti,ab OR interindividual:ti,ab OR 'inter individual':ti,ab OR intraindividual:ti,ab OR 'intra individual':ti,ab OR interparticipant:ti,ab OR 'inter participant':ti,ab OR intraparticipant:ti,ab OR 'intra participant':ti,ab OR kappa:ti,ab OR 'kappa s':ti,ab OR kappas:ti,ab OR repeatab':ti,ab,kw,de OR generaliza':ti,ab OR generalisa':ti,ab OR concordance:ti,ab OR ((intraclass NEAR/3 correlation'):ti,ab) OR discriminative:ti,ab OR 'known group':ti,ab OR 'factor analysis':ti,ab OR 'factor analyses':ti,ab OR 'factor structure':ti,ab OR 'factor structures':ti,ab OR dimension':ti,ab OR subscale':ti,ab	

No.	Query	Results
	OR (multitrait:ti,ab AND scaling:ti,ab AND (analysis:ti,ab OR analyses:ti,ab)) OR 'item discriminant':ti,ab OR 'interscale correlation':ti,ab OR error:ti,ab OR errors:ti,ab OR 'individual variability':ti,ab OR 'interval variability':ti,ab OR 'rate variability':ti,ab OR ((variability NEAR/3 (analysis OR values)):ti,ab) OR ((uncertainty NEAR/3 (measurement OR measuring)):ti,ab) OR 'standard error of measurement':ti,ab OR 'sensitivity':ti,ab OR 'responsive':ti,ab OR ((limit NEAR/3 detection):ti,ab) OR 'minimal detectable concentration':ti,ab OR 'interpretability':ti,ab OR (((minimal OR minimally OR clinical OR clinically) NEAR/5 (important OR significant OR detectable) NEAR/5 (change OR difference)):ti,ab) OR ((small NEAR/5 (real OR detectable) NEAR/5 (change OR difference)):ti,ab) OR 'meaningful change':ti,ab OR 'ceiling effect':ti,ab OR 'floor effect':ti,ab OR 'item response model':ti,ab OR 'IRT':ti,ab OR 'rasch':ti,ab OR 'differential item functioning':ti,ab OR 'dif':ti,ab OR 'computer adaptive testing':ti,ab OR 'item bank':ti,ab OR 'cross-cultural equivalence':ti,ab	
#2	'physical performance'/exp OR 'muscle strength'/exp OR 'muscle weakness'/exp OR 'musculoskeletal function'/exp OR 'physical activity'/exp OR 'endurance'/exp OR 'range of motion'/exp OR 'flexion contracture'/exp OR 'body equilibrium'/exp OR 'velocity'/exp OR (((physical OR functional) NEAR/3 (activity OR function OR performance)):ti,ab,kw) OR ((motor NEAR/3 (ability OR function OR skill OR performance)):ti,ab,kw) OR ((muscle NEAR/3 (strength OR weakness OR atrophy OR function)):ti,ab,kw) OR endurance:ti,ab,kw OR 'range of motion':ti,ab,kw OR gait:ti,ab,kw OR walking:ti,ab,kw OR arthrometry:ti,ab,kw OR goniometry:ti,ab,kw OR balance:ti,ab,kw OR velocity:ti,ab,kw OR ((flexion NEAR/3 contracture):ti,ab,kw) OR ((joint NEAR/3 flexibility):ti,ab) OR ((body OR posture OR core OR muscle) NEAR/3 (sway OR equilibrium OR control OR stability)):ti,ab	4580082

No.	Query	Results
#1	'hemophilia'/exp OR haemophil:ti,ab,kw OR subhaemophil:ti,ab,kw OR hemophil:ti,ab,kw OR subhemophil:ti,ab,kw OR 'bleeding disorder':ti,ab,kw OR (((factor viii OR factor 8) NEAR/3 deficiency):ti,ab,kw)	93345

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Supplement 2: Manual with specified standards of the Risk of Bias (RoB) checklist

Refinements of the COSMIN RoB Boxes

For the RoB Box 6 and 7, Reliability and measurement error, the review team defined some refinements, visualized in this appendix 2.

	Design requirements (reliability and measurement error)	Very good	Adequate	Doubtful	Inadequate	Not applicable
1	Were patients stable in the time between the repeated measurements on the construct to be measured?	Yes (evidence provided) <i>Refinement:</i> Change in health state regarding pain, bleeding, illness) as well as fatigue and/or pain due to the intervention were assessed and documented.	Reasons to assume standard was met <i>Refinement:</i> Only bleeding yes/no was assessed and documented.	Unclear	No (evidence provided)	Not applicable
2	Was the time interval between the repeated measurements appropriate?	Yes		Doubtful, OR time interval not stated	No	Not applicable
3	Were the measurement conditions similar for the repeated measurements – except for the condition being evaluated as a source of variation?	Yes (evidence provided) <i>Refinement:</i> Information about timepoint of measurement and identity of the measurement protocol were provided.	Reasons to assume standard was met, OR change was unavoidable	Unclear <i>Refinement:</i> Learning effect is not addressed	No (evidence provided) <i>Refinement:</i> Learning effect is not addressed	Not applicable

Miminal timespan between the repeated measurements needed for patients to be stable (point 1)

Construct	Very good	Adequate	Doubtful	inadequate
ROM, function	1h	Not applicable	Less then 1h	
Maximal voluntary force	1 day	Not applicable	Less then 1 day	

Miminal timespan between regarding the time intervals between the repeated measurements (point 2)

Construct	Very good	Adequate	Doubtful	inadequate
All constructs	Minimal timespan for intra-rater reliability: depending on the total number of measurements: 1 to 3 days Minimal timespan for inter-rater reliability: 0 days (same session) Maximal timespan for intra- and inter-rater reliability: 2 weeks	Not applicable	More then 2 weeks	Intra-rater testing in same session

Supplement 3: evaluated constructs of the OMI of interest and those of the used comparator instruments.

	Comparator instrument (righth)	Joint health and gait				Voluntary maximal isometric muscle force	Dynamic balance	Functional independence in self-care, transfers and locomotion
	Used construct (Below)	HJHS 1.0	HJHS 1.0 _{short}	HJHS 2.1	CAJAS	m3 diagnos	FSST	FISH
Joint structure (imaging)	Extended MRI scale total score				high / very high (pos)			
	Extended MRI Ankle				moderate (pos)			
	Extended MRI Elbow				moderate (pos)			
	Extended MRI Knee				moderate (pos)			
	MRI A							low/moderate (neg)
	MRI P							low (neg)
	HEAD-US			moderate (pos)				
	Sonography							low (neg)
Joint health	Petterson score	moderate (pos)	moderate (pos)	moderate (pos)				low (neg)
	WFH/Gilbert Score			high / very high (pos)				moderate (neg)
Function	HAL		low / moderate (neg)	low / moderate (neg)			moderate (neg)	
	FISH (8 activities)			low / moderate (pos)				
	SPPB						high / very high (neg)	
	TUG						high / very high (pos)	
	ABC						moderate (neg)	
Pain and function	HAQ							high / very high (neg)
	WOMAC							
	HJHS 2.1	very high (pos)					low (pos)	
Pain	SF-MPQ summary score				low / moderate (pos)			
	SF-MPQ: Sensory PRI			low / moderate (pos)				
	SF-MPQ: Affective PRI			low / moderate (pos)				
	SF-MPQ: PPI Score			low / moderate (pos)				
	VAS pain und SF-MPQ-VAS-scale			low / moderate (pos)		low / moderate (neg)		
General health	SF-36 physical function domain		moderate (neg)	moderate (neg)				
	SF-36 pain			low (neg)				
	SF-36 social functioning			low (neg)				
	SF-36 Physical Component Scale			low / moderate (neg)				
	SF6D Utility			low / moderate (neg)				
Health quality of life	Haemo-QoL A total score				low / moderate (neg)			
	EQ-5D VAS				low / moderate (neg)			
	EQ-5D Utility			low / moderate (neg)				

Correlations (Munro, B.H. 2001)	
no or very low	0.00 - 0.25
low	0.26 - 0.49
moderate	0.50 - 0.69
high	0.70 - 0.89
very high	0.90 - 1.0

Legend
MRI = Magnetic Resonance Imaging
HEAD-US = Hemophilia Early Arthropathy Detection with Ultrasound
WFH = World Federation of Hemophilia
HAL = Hemophilia Activity List
ABC = Activities-specific Balance Confidence scale
HAQ = Health Assessment Questionnaire
WOMAC = Western Ontario and McMaster Universities Arthritis Index
SF-MPQ = Short Form McGill Pain Questionnaire
VAS = Visual Analogue Scale
SF-36 = Short Form-36
Haemo-QoL A = hemophilia-specific quality of life questionnaire for Adults
EQ-5D = EuroQoL, 5 Dimensions

Supplement 4: COSMIN Risk of Bias Scoring

	CAJAS	FISH (7 activities)
	Funk et al. (2020)	Poonnoose et al. (2005)

Box 4. Internal consistency

1. Was an internal consistency statistic calculated for each unidimensional (sub)scale separately?	I	I
2. For continuous scores: Was Cronbach's alpha or omega calculated?	D	D
3. For dichotomous scores: Was Cronbach's alpha or KR-20 calculated?	N	N
4. For IRT-based scores: Was standard error of the theta (SE (θ)) or reliability coefficient of estimated latent trait value (index of (subject or item) separation) calculated?	N	N

Supplement 5: Overview Comparator Instruments

Instrument	Studies	Abbreviation	Short description	Construct		Unit	Measuremen property
Activities Balance Confidence questionnaire	Taylor et al. (2022)	ABC questionnaire	Activities-specific Balance Confidence (ABC) scale is a structured questionnaire that measures an individual's confidence during ambulatory activities without falling or experiencing a sense of unsteadiness.	Individual's confidence during ambulatory activities without falling or experiencing a sense of unsteadiness.	PROM	% 0% (no confidence) 100% (complete confidence)	D
Activity List	Funk et al. (2020)	Activity list	The activity list is a PRO to assess changes in physical activity over time.	Change in physical activity	PROM	nr	Validity: I Responsiven
Euroqol questionnaire Version: EQ-5D-3L	Funk et al. (2020)	EQ-5D-3L	The EQ-5D-3L 5L is a generic tool to assess patients' quality of life. It consists of 2 parts: the EQ-5D descriptive system and the EQ Visual Analogue Scale (EQ VAS). The EQ-5D-3L descriptive system assesses patients' quality of life in five domains (mobility, self-care, activities of daily living, pain, and anxiety/depression). Each question can be answered on a three-point Likert scale (no problems, some problems, and extreme problems). The EQ VAS records the patient's self-rated health on a vertical VAS ranging from 0 (worst imaginable health state) to 100 (best imaginable health state).	Health-related quality of life	PROM	The EQ-5D profile data can be converted into an index value ('utility') from 0 to 1, whereas 1 indicate perfect health.	Validity: D Responsiven

Supplement 6: Summary Of the Findings of included studies

Colorado Adult Joint Assessment Scale: CAJAS						
Measurement property	Results of the included studies	Hypothesis of the review team	Rating of the single results	Sample size RoB of the included studies	Overall rating	Quality of Evidence (for people with moderate to severe haemophilia, ≥17 years)
Internal consistency	Funk et al. (2020) Cronbach's α = 0.90	na	(?)	N = 30 RoB = I	(?)	Very low • overall RoB: -1 • Inconsistency: -1 • Imprecision: -1 • Indirectness: 0
Inter-rater reliability	Funk et al. (2020) Scale/subscale: ICC [95% CI] CAJAS total: 0.88 [0.77-0.94] Left ankle total: 0.76 [0.56-0.88] Right ankle total: 0.86 [0.73-0.93] Left elbow total: 0.84 [0.69-0.92] Right elbow total: 0.91 [0.82-0.96] Left knee total: 0.84 [0.69-0.92] Right knee total: 0.82 [0.66-0.91]	na	(+) (+) (+) (+) (+) (+) (+)	N = 30 RoB = D	(+)	Very low • overall RoB: -1 • Inconsistency: -1 • Imprecision: -1 • Indirectness: 0
Test-retest reliability	Funk et al. (2020) Scale/Subscale: ICC [95% CI] CAJAS total: 0.98 [0.95-0.99] Left ankle total: 0.92 [0.84-0.96] Right ankle total: 0.93 [0.86-0.97] Left elbow total: 0.97 [0.94-0.99] Right elbow total: 0.98 [0.97-0.99] Left knee total: 0.93 [0.85-0.96] Right knee total: 0.95 [0.89-0.97]	na	(+) (+) (+) (+) (+) (+) (+)	N = 30 RoB = D	(+)	Very low • overall RoB: -1 • Inconsistency: -1 • Imprecision: -1 • Indirectness: 0

Supplement 7: Abbreviation

A:	Adequate
ABC:	Activities-specific Balance Confidence scale
AUC:	Area Under the Curve
CAJAS:	Colorado Adult Joint Assessment Scale
CFA:	Confirmatory Factor Analysis
CFI:	Comparative Fit Index
COSMIN:	COnsensus-based Standards for the selection of health Measurement INstruments
ClinROM:	Clinician-Reported Outcome Measure
CTT:	Classical Test Theory
CV:	Coefficient of Variation
DIF:	Differential Item Functioning
D:	Doubtfull
EQ-5D:	EuroQol, 5 Dimensions
EQ VAS:	Euroqol Visual Analogue Scale
FISH:	Functional Independence Score in Haemophilia
FSST:	Four Square Step Test
Haemo-Qo:	Hemophilia-specific quality of life questionnaire for Adults
HAL:	Hemophilia Activity List

HAQ:	Health Assessment Questionnaire
HEAD-US:	Hemophilia Early Arthropathy Detection with Ultrasound
HJHS:	Haemophilia Joint Health Score
I:	Inadequate
ICC:	Intraclass Correlation Coefficient
IRT:	Item Response Theory
KR-20:	Kuder-Richardson Formula 20
LoA	Limits of Agreement
MIC:	Minimal Important Change
MRI:	Magnetic Resonance Imaging
MRI-A:	Magnetic Resonance Imaging: additive scale
MRI-P:	Magnetic Resonance Imaging: progressive scale
OMI:	Outcome Measurement Instrument
OT:	Occupational Therapist
PerFOM:	Performance-based Outcome Measure
PROM:	Patient-Reported Outcome Measure;
PROSPERO:	Prospective Register of Systematic Reviews
PT:	Physiotherapist
PwH:	People with Haemophilia
PRISMA:	Preferred Reporting Items for Systematic Reviews and Meta-Analysis
PROMS:	Patient-Reported Outcome Measures

R:	correlation coefficient
RoB:	Risk of Bias
RMSEA:	Root Mean Square Error of Approximation
QoE:	Quality of Evidence
SDC:	Smallest Detectable Change
SEM:	Standard Error of Measurement
SF-MPQ:	Short Form McGill Pain Questionnaire
SOF:	Summary of Findings
SPPB:	Short Performance Physical Battery
SRMR:	Standardized Root Mean Residuals
TLI:	Tucker-Lewis Index
TUG:	Timed Up and Go
WFH:	World Federation of Hemophilia
3DGA:	Three-Dimensional Gait Analysis