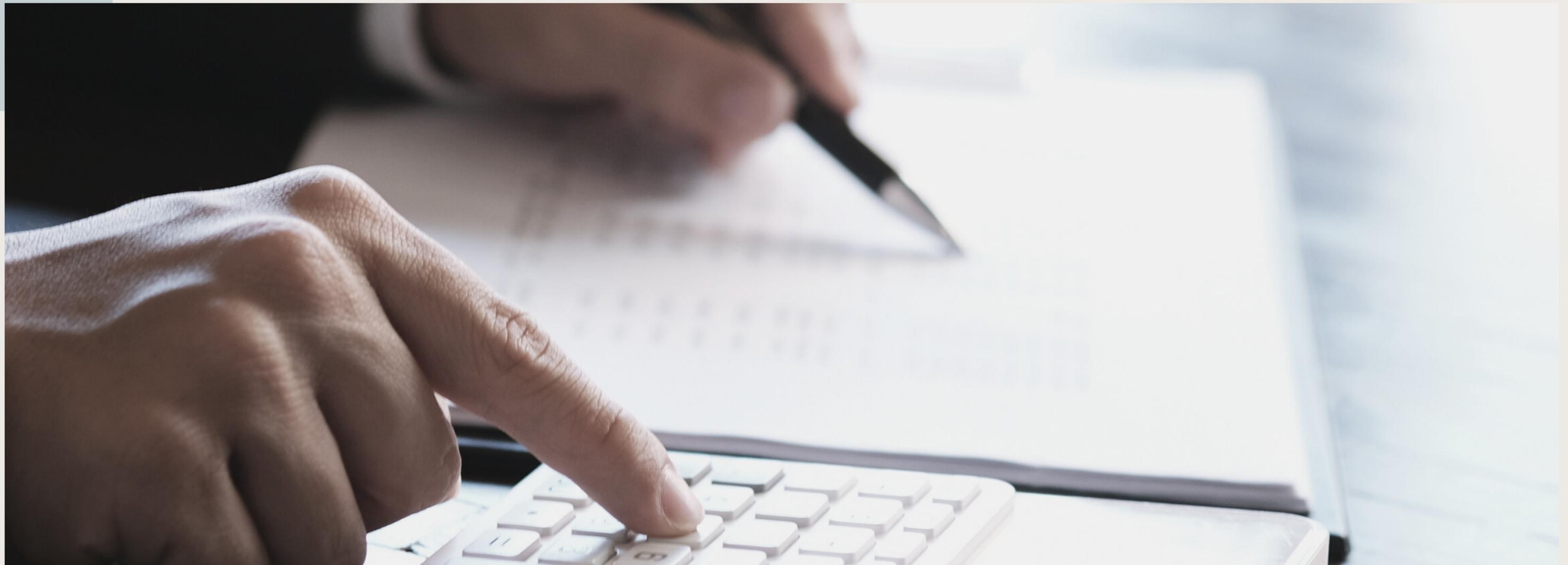


HOW TO DO A SYSTEMATIC REVIEW

DR. MAHLA DALIRI



DEFINE A TOPIC

- 1 Related top journals
- 2 Latest volumes
- 3 Clinical trials
- 4 Search for prior reviews
- 5 At least 3 trials



DATABASE

Key words

Similar terms (synonyms)

Combine

EXAMPLE

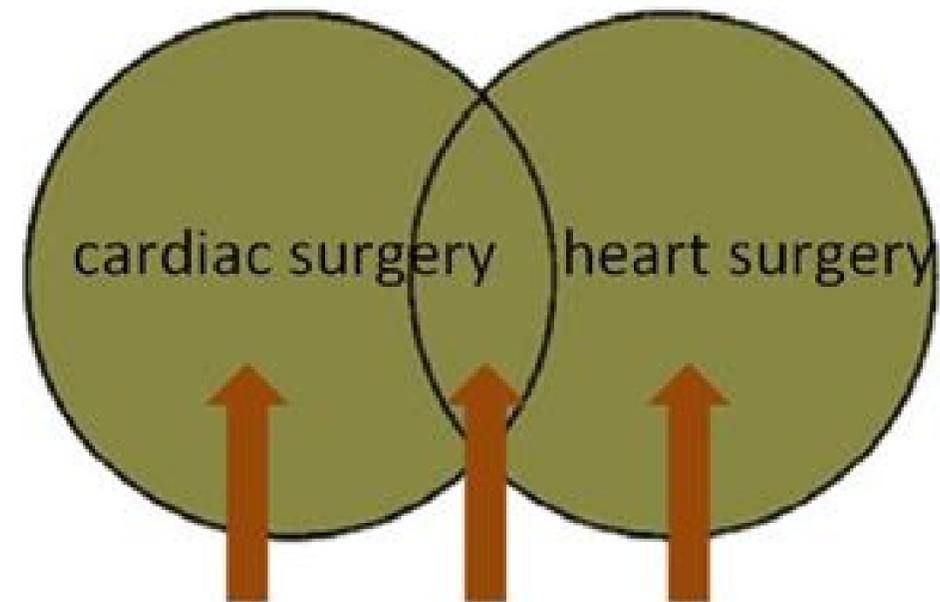
PubMed, Scopus, Web of Science

**("total arthroplasty" OR
"total joint arthroplasty" OR
"joint replacement" OR "TJA")
AND ("infection" OR "PJI" OR
"biofilm" OR "organism")**

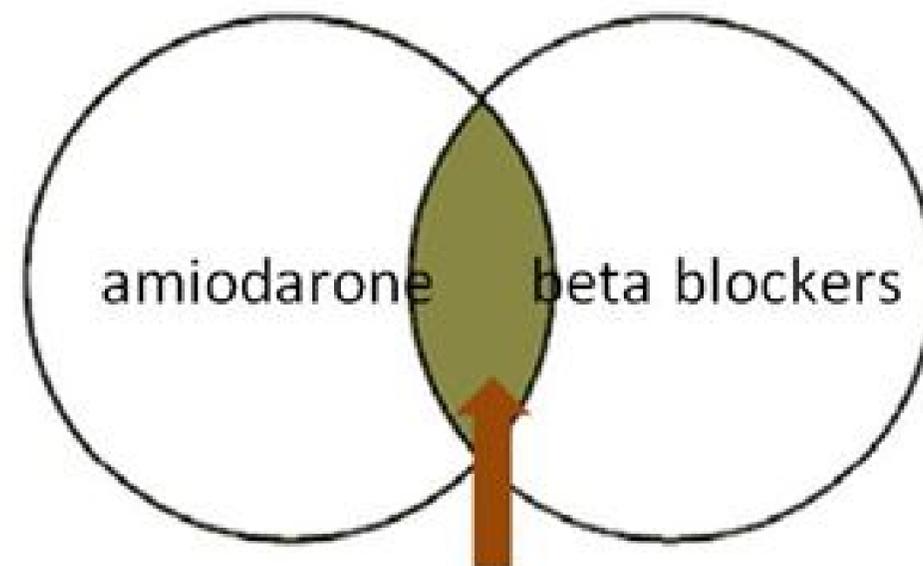


Boolean operators

Using **OR** lets you broaden your search by combining synonyms to appropriately cover a concept. This search will retrieve articles containing each term separately, as well as both terms together.



Using **AND** lets you narrow your search and is used to combine concepts. This search will retrieve articles containing both terms only.



REFERENCE MANAGER (ENDNOTE)

**Organize your folders step
by step**

Duplicates

Exclusion criteria



1

Database 1

2

Database 2

3

Database 3

EXCLUSION CRITERIA

Screen titles


Irrelevant


Reviews


Case studies

Screen Abstract


Animal


Non-English


Pediatric

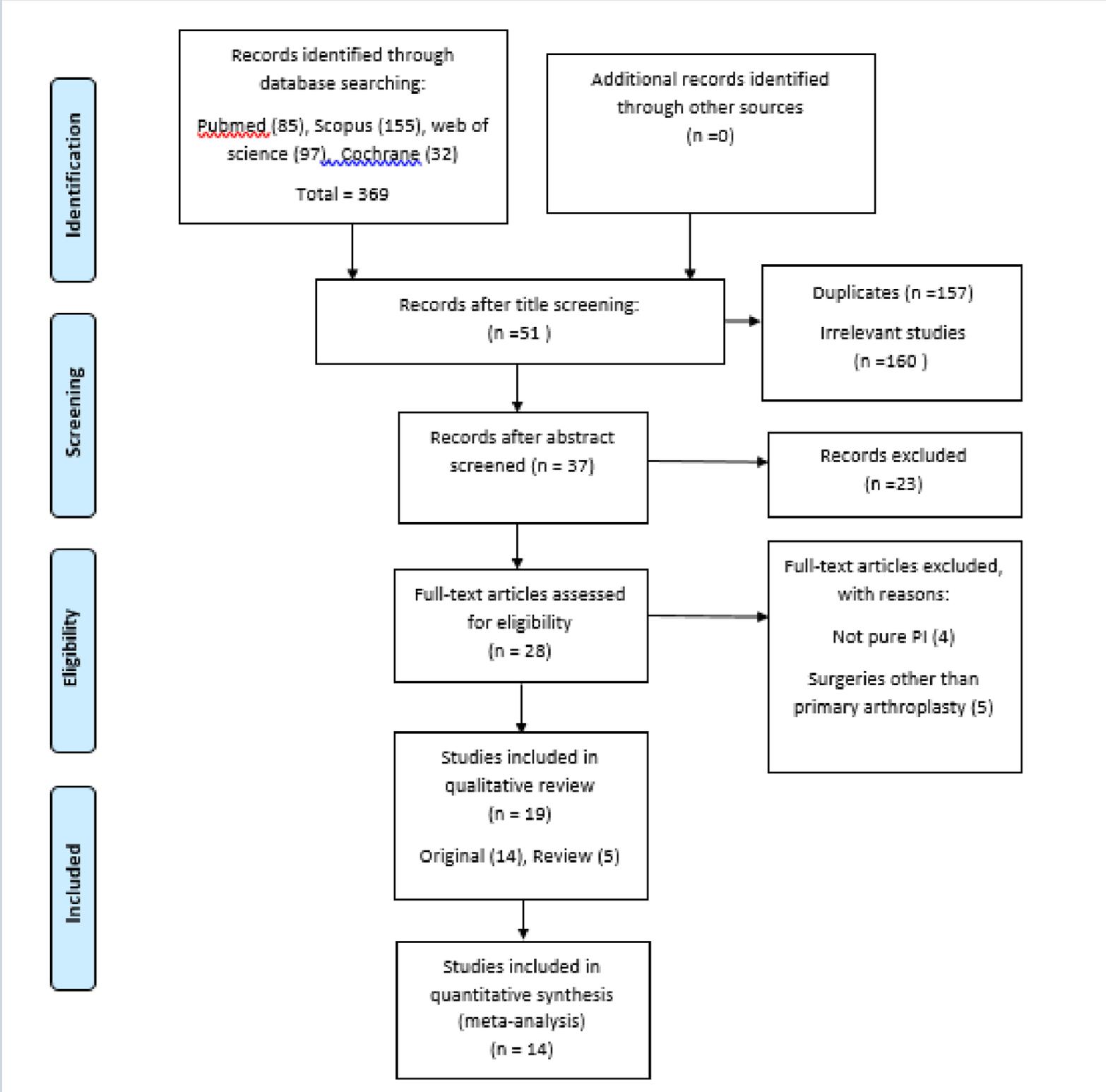
Screen Full text

My Library		Author	Year	Title	Rating
All References (791)	●		2019	ISPO 17th world congress Kobe, Hyogo, Japan 5-8 Oct 2019 Abstracts	
Configure Sync...	●	Aftab, Z.; Shafi, F...	2021	Systematic method for selection of motor-reducer units to power a lower-body robotic...	
Recently Added (0)	●	Agrawal, S. K.; B...	2007	Assessment of motion of a swing leg and gait rehabilitation with a gravity balancing exo...	
Unfiled (0)	●	Agrawal, S. K.; B...	2007	Assessment of motion of a swing leg and gait rehabilitation with a gravity balancing exo...	
Trash (0)	●	Aguirre, A.; Casa...	2019	Feasibility study: Towards Estimation of Fatigue Level in Robot-Assisted Exercise for Car...	
My Groups	○	Akbas, T.; Neptun...	2019	Neuromusculoskeletal Simulation Reveals Abnormal Rectus Femoris-Gluteus Medius Co...	
PubMed (76)	●	Akbas, T.; Prajap...	2019	Hip circumduction is not a compensation for reduced knee flexion angle during gait	
Scopus (427)	●	Akiyama, Y.; Oka...	2016	Measurement of contact behavior including slippage of cuff when using wearable physi...	
Web of Science (288)	●	Akiyama, Y.; Tod...	2018	Classification and analysis of the natural corner curving motion of humans based on gait ...	
Find Full Text	●	Akiyama, Y.; Tod...	2018	Classification and analysis of the natural corner curving motion of humans based on gait ...	
	●	Aldridge Whiteh...	2016	Stair ascent and descent biomechanical adaptations while using a custom ankle-foot ort...	
	●	Alexandrov, A. V...	2017	Human-Inspired Eigenmovement Concept Provides Coupling-Free Sensorimotor Contro...	
	●	Aliman, N.; Ramli...	2022	A robust adaptive-fuzzy-proportional-derivative controller for a rehabilitation lower li...	
	●	Alingh, J. F.; Wee...	2019	Immediate after-effects of robot-assisted gait with pelvic support or pelvic constraint o...	
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	●	Alingh, J. F.; Wee...	2019	Immediate after-effects of robot-assisted gait with pelvic support or pelvic constraint o...	
	●	Allemand, Y.; Sta...	2009	Design of a new lower extremity orthosis for overground gait training with the Walk Tr...	
	●	Aminiazar, W.; N...	2013	Optimized intelligent control of a 2-degree of freedom robot for rehabilitation of lowe...	
	●	Anthony, C. A.; R...	2022	A Psychological Intervention Delivered by Automated Mobile Phone Messaging Stabilize...	
	●	Anthony, C. A.; R...	2022	A Psychological Intervention Delivered by Automated Mobile Phone Messaging Stabilize...	
	●	Anthony, C. A.; R...	2022	A Psychological Intervention Delivered by Automated Mobile Phone Messaging Stabilize...	
	●	Anthony, C. A.; R...	2020	Acceptance and commitment therapy delivered via a mobile phone messaging robot to ...	
	●	Aprile, I.; Iacovel...	2017	Efficacy of Robotic-Assisted Gait Training in chronic stroke patients: Preliminary results ...	
	●	Aprile, I.; Iacovel...	2017	Efficacy of Robotic-Assisted Gait Training in chronic stroke patients: Preliminary results ...	
	●	Arazpour, M.; Ah...	2014	Gait evaluation of new powered knee-ankle-foot orthosis in able-bodied persons: A pilo...	
	●	Arazpour, M.; Ah...	2014	Gait evaluation of new powered knee-ankle-foot orthosis in able-bodied persons: a pilo...	
	●	Arazpour, M.; Ba...	2013	Reciprocal gait orthoses and powered gait orthoses for walking by spinal cord injury pati...	
	●	Arazpour, M.; M...	2014	Comparison of gait between healthy participants and persons with spinal cord injury wh...	
	●	Arazpour, M.; M...	2014	Comparison of gait between healthy participants and persons with spinal cord injury wh...	
	●	Arazpour, M.; M...	2016	The influence of a powered knee-ankle-foot orthosis on walking in poliomyelitic cubic...	

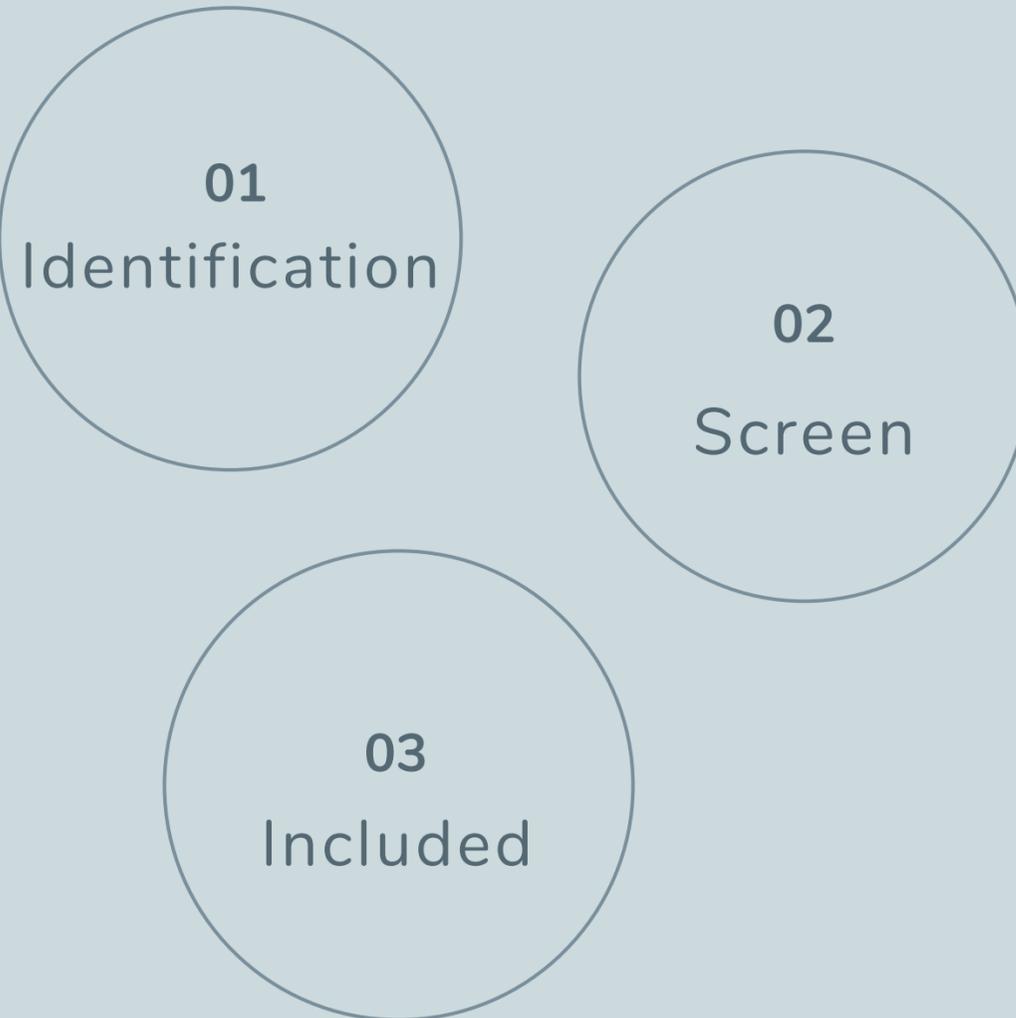
My Library		Author	Year	Title	Rating
All References (655)	<input checked="" type="radio"/>		2019	ISPO 17th world congress Kobe, Hyogo, Japan 5-8 Oct 2019 Abstracts	• • •
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Recently Added (0)	<input checked="" type="radio"/>	Agrawal, S. K.; B...	2007	Assessment of motion of a swing leg and gait rehabilitation with a gravity balancing exo...	
Unfiled (0)	<input checked="" type="radio"/>	Agrawal, S. K.; B...	2007	Assessment of motion of a swing leg and gait rehabilitation with a gravity balancing exo...	
Trash (149)	<input checked="" type="radio"/>	Aguirre, A.; Casa...	2019	Feasibility study: Towards Estimation of Fatigue Level in Robot-Assisted Exercise for Car...	
My Groups	<input type="radio"/>	Akbas, T.; Neptun...	2019	Neuromusculoskeletal simulation reveals abnormal rectus femoris-gluteus medius coupling...	
Irrelevant (7)	<input checked="" type="radio"/>	Akbas, T.; Prajap...	2019	Hip circumduction is not a compensation for reduced knee flexion angle during gait	
Knee-ankle (4)	<input checked="" type="radio"/>	Akiyama, Y.; Oka...	2016	Measurement of contact behavior including slippage of cuff when using wearable physi...	
Passive (1)	<input checked="" type="radio"/>	Akiyama, Y.; Tod...	2018	Classification and analysis of the natural corner curving motion of humans based on gait ...	
Primary Inclusion (13)	<input checked="" type="radio"/>	Aldridge Whiteh...	2016	Stair ascent and descent biomechanical adaptations while using a custom ankle-foot ort...	
PubMed (76)	<input checked="" type="radio"/>	Alexandrov, A. V...	2017	Human-Inspired Eigenmovement Concept Provides Coupling-Free Sensorimotor Contro...	
Review (2)	<input checked="" type="radio"/>	Aliman, N.; Ramli...	2022	A robust adaptive-fuzzy-proportional-derivative controller for a rehabilitation lower li...	
Scopus (385)	<input checked="" type="radio"/>	Alingh, J. F.; Wee...	2019	Immediate after-effects of robot-assisted gait with pelvic support or pelvic constraint o...	
Web of Science (181)	<input checked="" type="radio"/>	Allemand, Y.; Sta...	2009	Design of a new lower extremity orthosis for overground gait training with the Walk Tr...	
Find Full Text	<input checked="" type="radio"/>	Aminiazar, W.; N...	2013	Optimized intelligent control of a 2-degree of freedom robot for rehabilitation of lowe...	
	<input checked="" type="radio"/>	Anthony, C. A.; R...	2022	A Psychological Intervention Delivered by Automated Mobile Phone Messaging Stabilize...	
	<input checked="" type="radio"/>	Anthony, C. A.; R...	2020	Acceptance and commitment therapy delivered via a mobile phone messaging robot to ...	
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	<input checked="" type="radio"/>	Arazpour, M.; M...	2016	The influence of a powered knee-ankle-foot orthosis on walking in poliomyelitis subjec...	
	<input type="radio"/>	Arazpour, M.; Sa...	2016	The influence of orthosis options on walking parameters in spinal cord-injured patients: A lit...	
	<input checked="" type="radio"/>	Ashkani, O.; Mal...	2017	Design, simulation and modelling of auxiliary exoskeleton to improve human gait cycle	
	<input checked="" type="radio"/>	Attias, M.; Bonn...	2016	Feasibility and reliability of using an exoskeleton to emulate muscle contractures during...	
	<input checked="" type="radio"/>	Attias, M.; Bonn...	2017	Influence of different degrees of bilateral emulated contractures at the triceps surae o...	
	<input checked="" type="radio"/>	Attias, M.; Bonn...	2019	Kinematics can help to discriminate the implication of iliopsoas, hamstring and gastrocn...	
	<input checked="" type="radio"/>	Auberger, R.; Rie...	2019	Energy Recuperation at the Hip Joint for Paraplegic Walking: Interaction Between Patie...	
	<input checked="" type="radio"/>	Audu, M. L.; To, C...	2010	Gait evaluation of a novel hip constraint orthosis with implication for walking in paraple...	
	<input checked="" type="radio"/>	Aurich-Schuler, ...	2017	Can Lokomat therapy with children and adolescents be improved? An adaptive clinical pi...	
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FLOWCHART

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FLOW CHART



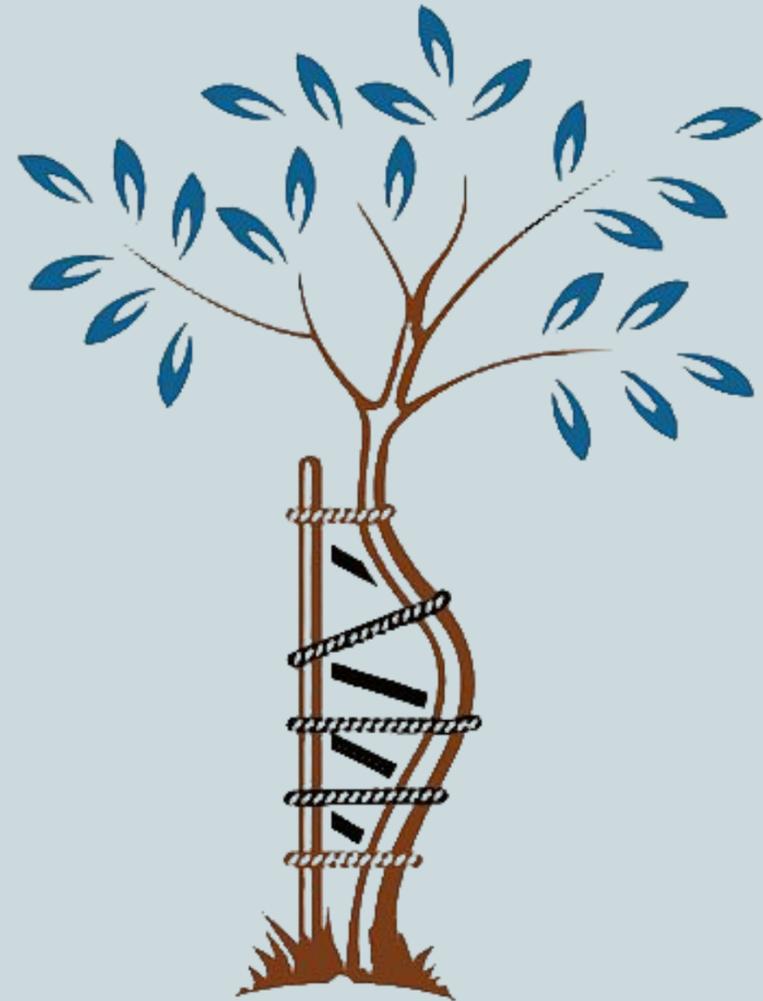
Diagram

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ORTHOPEDICS
Research Center



THANK YOU

DR. MAHLA DALIRI