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How to Use ClinicalTrials.gov

If you are a patient, care partner, friend, or family member looking for available research studies, you can begin to research and identify them on ClinicalTrials.gov.

Research studies give patients an opportunity to participate in research that is either observational, meaning that there is no study drug involved, or to receive an investigational study drug to determine if the drug is safe and effective. Whether you want to participate in any type of MSA research, or you know the study you would like to participate in, you can use ClinicalTrials.gov to learn more about what investigational drugs are being studied, whether clinical trials are open and available for enrollment, and the eligibility criteria. You may also find the contact information for the sites conducting the studies.

This How-To guide will take you through the process of using ClinicalTrials. gov website to find any MSA research study you may be looking for.

Conducting a Search

Use the ClinicalTrials.gov search function to start researching available studies.

- Populate the fields that apply to your search, such as multiple system atrophy/MSA, the name of a specific drug, or location (start with selecting country, then more choices will appear, and you'll have the option to add details like distance from a particular city).
- Filling in more fields will narrow your search results. For example, if the patient has MSA and is looking for studies involving an investigational drug, completing these fields in the search form will only result in study records that meet both criteria.
- You can also expand or narrow search results by using capitalized operators such as AND, OR, and NOT to relate terms.

NIH National Library of Medicine National Center for Biotechnology Information	•	PRS Login
ClinicalTrials.gov		Go to the classic website
About This Site ~ Find Studies ~	Data About Studies Study Basics PRS Info	My Saved Studies (0) \rightarrow
C	linicalTrials.gov is a place to learn about clinical studies from around the world.	
	The U.S. government does not review or approve the safety and science of all studies listed on this website. Read our full disclaimer for details.	
	Focus Your Search (all filters optional)	
	Condition/disease 0	
	Multiple System Atrophy	
	Other terms 🖲	
	MSA - Multiple System Atrophy	
	Intervention/treatment	
	Location Search by address, city, state, or country and select from the dropdown list	
	Study Status 0	
	All studies	
	Recruiting and not yet recruiting studies	
	More Filters +	
	Search	

Advancing Your Search

By clicking "More Filters", additional options will open to focus your results even further with criteria such as recruitment status, location, eligibility information, and study type. For example (shown in the image below), if you would only like to view studies recruiting females age 18-64 for a phase 2 interventional trial, then use the options under "More Filters" to fill these fields and find results specific to these criteria.

More Filters		-
Eligibility Criteria 🛛		
Sex		
Female		
O Male		
Age		
Select ranges		
Child (birth - 17)		
Adult (18 - 64)		
Older adult (65+)		
O Manually enter range		
From		
Years Old 🗘	Years Old	0
Accepts healthy volunteers		
Yes		
Study Phase 🜒		
Early Phase 1		
Phase 1		
Phase 2		
Phase 3		
Phase 4		
Not applicable		
Study Type 🛛		
Interventional 🚽		
Observational		
Patient registries		
	Search	

Reading Your Search Results

Once you have conducted your initial search, a list of studies will appear with the most relevant at the top of the page. Search results will show:

- How many studies match your search results
- Study status active, completed, recruiting, not recruiting, etc
- Study NCT Number The National Clinical Trial number is an identification that ClinicalTrials.gov assigns a study when it is registered. Until an NCT number is assigned, the study is not registered.
- The name of the study
- The conditions the study is being conducted in
- Locations where the study is being conducte

Focus Your Search	Search Results In the second view In the second vie
Condition/disease 0	+ Synonyms of conditions or disease (8)
Multiple System Atrophy	None Selected 🛓 📕
Other terms 🜒	
Intervention/treatment 0	NCT05109091
	Study of ATH434 in Participants With Multiple System Atrophy
Location Search by address, city, state, or	Multiple System Atrophy
country and select from the dropdown list	Locations
	La Jolla, California, United States Gainesville, Florida, United States
	Chicago, Illinois, United States Genview, Illinois, United States
Study Status 0	Show 27 more locations
Looking for participants	
Not yet recruiting (2)	
Recruiting (17)	NCT05698017
No longer looking for participants	Study to Evaluate Investigational Allogeneic Cell Therapy Product hOMSC300
Active, not recruiting (5)	for Treatment of Early- to Moderate Stage MSA
Completed (29)	Conditions Multiple System Atrophy MSA - Multiple System Atrophy
Terminated (3)	Locations
Other	♀ Tel Aviv, Israel
Enrolling by invitation (0)	
Suspended (0)	
Withdrawn (2)	ACTIVE, NOT RECRUITING
Unknown (5)	NCT05104476
Clear Filters (4) Apply Filters	A Study of Lu AF82422 in Participants With Multiple System Atrophy

Modifying Your Search

Depending on how detailed your search criteria is, the results list may provide many studies. If you want to make changes to your search criteria to find studies best suited for the patient and their care partner(s), you can do so using the "Focus Your Search" bar on the left side of the screen.

The U.S. government of Read our full disclaimer for	does not review or approve the safety and science of all studies listed on this website.	+
	1	
Focus Your Search (all filters optional)	Search Results Viewing 1-10 out of 29 studies	≔ Table View
Condition/disease 0	+ Synonyms of conditions or disease (7).	
Multiple System Atrophy	None Selected	א RSS
Other terms		
MSA - Multiple System Atrophy	COMPLETED WITH RESULTS	
Intervention/treatment	NCT00750867	
	Treatment of Multiple System Atrophy Using Intravenous Immunoglobulins	
Location	Conditions	
Search by address, city, state, or country and select from the	Multiple System Atrophy	
dropdown list	Locations	
	Vercester, Massachusetts, United States	
Study Status 🛛		
Looking for participants	COMPLETED WITH RESULTS	
Not yet recruiting (1)	NCT03753763	
Recruiting (8)	Safinamide for Multiple System Atrophy (MSA)	
No longer looking for participants	Conditions	
Active, not recruiting (2)	Multiple System Atrophy	
Completed (12)	Locations	
Terminated (3)	Bologna, Italy Brescia, Italy	
Other	Cassino, Italy Chieti, Italy	
Enrolling by invitation (0)	Show 19 more locations	
Clear Filters (6) Apply Filters		

Selecting a Study

For more information regarding a specific study, click on the study name.

Focus Your Search	2 Hide	Search Results	= Table View
(all filters optional)	ā	Viewing 1-10 out of 63 studies	
Condition/disease		+ Synonyms of conditions or disease (8).	
Multiple System Atrophy		None Selected	RSS RSS
Other terms			
Intervention/treatment		NCT05109091	
		Study of ATH434 in Participants With Multiple System Atrophy	
Location		Conditions	
Search by address, city, state, or		Multiple System Atrophy	
country and select from the dropdown list		Locations	
		Q La Jolla, California, United States Q Gainesville, Florida, United States	
	_	Chicago, Illinois, United States Glenview, Illinois, United States	
Study Status 0		Show 27 more locations	
Looking for participants			
Not yet recruiting (2)			
Recruiting (17)			
No longer looking for participan	its	NCT05698017	
Active, not recruiting (5)		Study to Evaluate Investigational Allogeneic Cell Therapy Product hOMSC300 for Treatment of Early- to Moderate Stage MSA	
Completed (29)		Conditions	
Terminated (3)		Multiple System Atrophy MSA - Multiple System Atrophy	
Other		Locations	
Enrolling by invitation (0)		Cel Aviv, Israel	
Suspended (0)			
Withdrawn (2)			
Unknown (5)		ACTIVE, NOT RECRUITING	
		NCT05104476	
Clear Filters (4) Apply Filter	2	A Study of Lu AF82422 in Participants With Multiple System Atrophy	

Study Record Page

A new page will open with all the details of the selected study. From this overview, you can find the study's start date, their goal completion date, the total number of patients they plan to enroll, the type of study, and its phase.

You can also find the study's sponsor (if applicable), and when the most recent study update was provided.

RECRUITING O					
Study of ATH434 i	n Participants W	ith Multiple System Atr	ophy		
Clinical Trials.gov ID () N Sponsor () Alterity Thera Information provided by Last Update Posted () 20	peutics	s (Responsible Party)			
				+ Expand	all content Collapse all content
Study Details	Table View	No Results Posted	Record History		
On this page Study Overview Contacts and Locations Participation Criteria Study Plan Collaborators and Investig Publications Study Record Dates More Information	pators Condition Multiple Interventi Dru Other Stu	dy will assess the safety and effi the mized, Double-Blind, Placebo-Co		nts with Multiple System Atrophy	Study Start (Actual) 2022-07-01 Primary Completion (Estimated) 2024-06 Study Completion (Estimated) 4 2024-07 Enrollment (Estimated) 4 60 Study Type 4 Interventional Phase 4 Phase 4 Phase 4
	Conta This sec Study Cor Name: A Phone N	cts and Locations tion provides the contact details ntect 0 Iterity Clinical Trials		y of Medicine NHN NLM	thack

This page also allows you to navigate through all study details such as:

- Study contact information
- Study site locations and their contact information
- Criteria to participate in the study
- The study's plan, such as how it has been designed and what it is measuring
- People and organizations that may be collaborating with or involved in the study
- Publications of study results

RECRUITING 0

- Study record dates to include progress of the study and results
- More information that may be helpful to understand the study (terms, helpful links, or study documents.

Study of ATH434 i	in Partic	ipants W	ith Multiple System Atro	ophy			
ClinicalTrials.gov ID ① N Sponsor ① Alterity Thera Information provided by 0 Last Update Posted ② 2	apeutics Alterity		: (Responsible Party)				
± 🛛						+ Expand all	content Collapse all content
Study Details	Table	e View	No Results Posted	Record History			
On this page Study Overview Contacts and Locations Participation Criterie Study Plan Collaborators and Investi Publications Study Record Dates More Information	getors	Brief Sum This stuc official Tri A Rando Condition Multiple Interventi Dru Dru	dy will assess the safety and efficient the mized, Double-Blind, Placebo-Co				Study Start (Actual) 2022-07-01 Primary Completion (Estimated) 2024-06 Study Completion (Estimated) 2024-07 Enrollment (Estimated) 60 Study Type Interventional
			H434-201				Phase Phase 2
		Res	ource links provided by	the National Library	of Medicine	NIN NIM	+

Study Contacts and Site Locations

The Contacts and Locations section provides the contact details for those

On this page	
Study Overview	Contacts and Locations
Contacts and Locations	This section provides the contact details for those conducting the study, and information on where this study is being conducted.
Participation Criteria	Study Contact 0
Study Plan	Name: Alterity Clinical Trials
Collaborators and Investigators	Phone Number: +1 650 300-2141
Publications	Email: ClinicalTrials@alteritytherapeutics.com
Study Record Dates	
More Information	United States California Locations Is Jolla, California, United States, 92093 Recruiting University of California San Diego Florida Locations Organezville, Florida, United States, 92093 Recruiting University of Florida University of Florida Illinois Locations Illinois Locations

conducting the study, and information on where the study is being conducted.

Study Participation Criteria

Researchers look for people who fit a certain description, called eligibility criteria. Some examples of these criteria are:

- Age
- Sex
- How long the participant has had the disease
- If a participant has specific symptoms of the disease being researched
- When symptoms started
- If the participant is a healthy control with no symptoms or disease diagnosis
- A person's general health condition or prior treatments

Researchers also include exclusion criteria, which means that a participant may have characteristics that disqualify them from a study. A participant could be disqualified either by

this page idy Overview	Participation Criteria Researchers look for people who fit a certain description, called eligibility criteria. Some examples of	of these criteria are a person's general
ntacts and Locations	health condition or prior treatments.	
rticipation Criteria		
idy Plan	For general information about clinical research, read Learn About Studies.	
laborators and investigators	Eligibility Criteria	
blications	Description	Ages Eligible for Study
idy Record Dates	Inclusion Criteria: ▲ 1. Participant has clinical features of parkinsonism. 2. Participant has evidence of orthostatic hypotension and/or bladder dysfunction. 3. Participant has ataxia and/or pyramidal signs on neurological examination. 4. Participant has ataxia and/or pyramidal signs on neurological examination. 4. Participant has biomarker evidence of MSA in biologic fluid and on MRI. Exclusion Criteria: 4. Participant has motor symptoms for > 4 years. 1. Participant has advanced disease, as indicated by frequent falls or choking. 3. Participant has atructural brain abnormality on MRI. 4. Participant has an unstable medical or psychiatric illness. 6. Participant has a contraindication to, or is unable to tolerate, MRI or lumbar puncture. — Show less	30 Years to 75 Years (Adult, Older Adult) Sexes Eligible for Study All Accepts Healthy Volunteers No

meeting one or more of the exclusion criteria, or not meeting one or more of the inclusion criteria.

Study Plan

This section provides details of the study plan, including how the study is designed and what the study is measuring (also known as outcomes or endpoints). Each study evaluates different things, and this section can help explain study components such as:

- A basic description of participant demographics for each group (or cohort) the study is being conducted in
- The intervention or treatment being used in each group
- A brief description of how participants are being evaluated during the study
- What the researchers are using to evaluate a drug or other characteristics of a disease

	Ohu hu Dian	
Overview	Study Plan	
cts and Locations	This section provides details of the study plan, in	Including how the study is designed and what the study is measuring. <u>Expand all / Col</u>
ipation Criteria		
Plan	How is the study designed?	
borators and Investigators		
ations	Design Details	
Record Dates	Observational Model Cohort	
Information	Time Perspective: Prospective	
	Cohorts and Interventions	
	Group/Cohort •	Intervention/Treatment •
	Parkinson Disease	Other: Rehabilitation
	Patients affected by Parkinson's disease	All patients included in the study will undergo a basic evaluation with a
	admitted for rehabilitation in Maugeri	neurological examination, a rehabilitation program to improve strength,
	Clinical Scientific Institutes	coordination, balance, endurance, and the ability to perform activities of daily life.
		Other: Administration of Clinical scales
		 All patients included in the study will be evaluated by clinical scales assessing
		the disease stage, clinical severity, freezing, motor and non-motor impairment
		cognitive impairment, depression, quality of life, autonomic dysfunction, pain.
	Multiple System Atrophy	Other: Rehabilitation
	Patients affected by Multiple System	All patients included in the study will undergo a basic evaluation with a
	Atrophy admitted for rehabilitation in	neurological examination, a rehabilitation program to improve strength,
	Maugeri Clinical Scientific Institutes	coordination, balance, endurance, and the ability to perform activities of daily life.
		Other: Administration of Clinical scales
		All patients included in the study will be evaluated by clinical scales assessing
		 An patients included in the study will be evaluated by clinical scales assessing the disease stage, clinical severity, freezing, motor and non-motor impairment
		the disease stage, chilical seventy, neezing, motor and non-motor impairment,

Study Plan

On this page

Study Overview

Contacts and Locations

Participation Criteria

Study Plan

Collaborators and Investigators

Publications

Study Record Dates

More Information

Study Plan

This section provides details of the study plan, including how the study is designed and what the study is measuring.

Expand all / Collapse all

+

_

How is the study designed?

What is the study measuring?

Primary Outcome Measures 0

Outcome Measure	Measure Description	Time Frame ┥
Prevalence and Characterization of Pain	Evaluate the prevalence of pain and characterize it in Parkinson's disease and atypical parkinsonisms through KING'S PAIN score	At the recruitment
Prevalence and Characterization of Pain	Evaluate the prevalence of pain and characterize it in Parkinson's disease and atypical parkinsonisms through KING'S PAIN score	At the end of the rehabilitation program, an average of 30 days

Secondary Outcome Measures 0

Outcome Measure	Measure Description	Time Frame
Autonomic symptoms	Evaluate the prevalence of autonomic symptoms in Parkinson's disease and atypical parkinsonisms through the score of SCOPA-AUT questionnaire	At the recruitment
Autonomic symptoms	Evaluate the prevalence of autonomic symptoms in Parkinson's disease and atypical parkinsonisms through the score of SCOPA-AUT questionnaire	At the end of the rehabilitation program, an average of 30 days

• How an intervention or the progression of a disease compares to a healthy participant

Collaborators and Investigators

This section provides information on the people and organizations involved in the study, such as:

- The study's sponsor, which is the organization or person who initiates the study and who has authority and control over the study
- The study's collaborators, which may be an organization or person other than the sponsor that provides support for a study including but not limited

On this page	Collaborators and Investigators		
Study Overview	This is where you will find people and organizations involved with this study.		
Contacts and Locations	Sponsor 0		
Participation Criteria	Istituti Clinici Scientifici Maugeri SpA		
Study Plan	Collaborators 0		
Collaborators and Investigators	No information provided		
Publications	Investigators 0		
Study Record Dates	 Principal Investigator: Maria Nolano, MD, PhD, Isituti Clinici Scientifici Maugeri SpA SB - IRCCS of Telese Terme 		
More Information			

to funding, design, implementation, data analysis, or reporting.

• The study's investigator(s), who are the researcher(s) involved in conducting the study at a study site. These researchers may also be called principal investigators (PIs) or sub-investigators (sub-l's).

Publications

This section includes publications that are submitted voluntarily by those conducting the study. These publications may not be related to the study, but rather:

• The study's investigators

In this page				
tudy Overview	Publications			
Contacts and Locations	The person responsible for entering information about the study voluntarily provides these publications. These may be about anything relations			
	to the study.			
articipation Criteria				
tudy Plan	General Publications			
ollaborators and investigators	Bakkers M, Faber CG, Hoeijmakers JG, Lauria G, Merkies IS. Small fibers, large impact: quality of life in small-fiber neuropathy. Muscle			
ublications	Nerve, 2014 Mar;49(3):329-36. doi: 10.1002/mus.23910. Epub 2013 Jun 28. @			
udy Record Dates	Quittenbaum BH, Grahn B. Quality of life and pain in Parkinson's disease: a controlled cross-sectional study. Parkinsonism Relat Disord.			
ore Information	2004 Mar;10(3):129-36. doi: 10.1016/j.parkreldis.2003.12.001. pt			
	Valkovic P, Minar M, Singliarova H, Harsany J, Hanakova M, Martinkova J, Benetin J, Pain in Parkinson's Disease: A Cross-Sectional			
	Study of Its Prevalence, Types, and Relationship to Depression and Quality of Life. PLoS One. 2015 Aug 26:10(8):e0136541. doi:			
	10.1371/journal.pone.0136541. eCollection 2015. g			
	Nolano M, Provitera V, Estraneo A, Selim MM, Caporaso G, Stancanelli A, Saltalamacchia AM, Lanzillo B, Santoro L. Sensory deficit in			
	Parkinson's disease: evidence of a cutaneous denervation. Brain. 2008 Jul;131(Pt 7):1903-11. doi: 10.1093/brain/awn102. Epub 2008			
	May 31, 12			
	Asahina M, Vichayanrat E, Low DA, Iodice V, Mathias CJ. Autonomic dysfunction in parkinsonian disorders: assessment and			
	pathophysiology. J Neurol Neurosurg Psychiatry, 2013 Jun;84(6):674-80. doi: 10.1136/jnnp-2012-303135. Epub 2012 Sep 1. (4)			
	Linder J, Stenlund H, Forsgren L. Incidence of Parkinson's disease and parkinsonism in northern Sweden: a population-based study.			
	Mov Disord. 2010 Feb 15;25(3):341-8. doi: 10.1002/mds.22987. p			
	Chaudhuri KR, Rizos A, Trenkwalder C, Rascol O, Pal S, Martino D, Carroll C, Paviour D, Falup-Pecurariu C, Kessel B, Silverdale M,			
	Todorova A, Sauerbier A, Odin P, Antonini A, Martinez-Martin P, EUROPAR and the IPMDS Non Motor PD Study Group, King's Parkinson's			
	disease pain scale, the first scale for pain in PD: An international validation. Mov Disord. 2015 Oct;30(12):1623-31. doi:			
	10.1002/mds.26270. Epub 2015 Jun 11. p			
	* Find Publications about Study Results and related Pubmed Publications in the "Results" section of the study record.			

- The field of study
- Other studies that have been conducted that are relative to this study

Some studies will have publications about study results linked at the bottom of this section.

Study Overview	Study Record Dates			
Contacts and Locations	These dates track the progress of study record and summary results submissions to ClinicalTrials.gov. Study records and reported results are			
Participation Criteria	reviewed by the National Library of Medicine (NLM) to make sure they meet specific quality control standards before being posted on the public website.			
Study Plan				
Collaborators and Investigators	Study Registration Dates	Study Record Updates		
Publications	First Submitted O	Last Update Submitted that met QC Criteria 0		
Study Record Dates	2023-01-26	2023-02-17		
More Information	First Submitted that Met QC Criteria 🔍 🔫	Last Update Posted 🔍 🔫		
	2023-02-17	2023-02-28		
	First Posted	Last Verified 0		
	2023-02-28	2023-01		

Study Record Dates

This section tracks the progress of study records and results, including when this progress was verified. Study records and results are reviewed by the National Library of Medicine (NLM) to make sure they meet specific quality control standards before being posted on the public website.

More Inf	On this page	On this page				
	Study Overview	More Information				
This section p	Contacts and Locations Record History Participation Criteria					
study, such as						
data they col	Study Plan	Expand all / Collapse all				
nformation i						
	Publications	Terms related to this study +				
	Study Record Dates	Plan for Individual Participant Data (IPD) +				
	More Information					
		Drug and device information, helpful links	study documents, and +			
	On this page					
	Study Overview	More Information				
	Contacts and Locations	Record History				
	Participation Criteria					
	Study Plan		Expand all / Collapse all			
	Collaborators and Investigators	Terms related to this study	_			
	Publications					
	Study Record Dates More Information	Keywords Provided by Istituti Clinici Scientifici Maugeri SpA	Additional Relevant MeSH Terms			
			Basal Ganglia Diseases			
		pain autonomic symptoms	Brain Diseases Central Nervous <mark>System</mark> Diseases			
		rehabilitation	Nervous System Diseases			
			Movement Disorders			
			Synucleinopathies			
			Neurodegenerative Diseases			
			Primary Dysautonomias Autonomic Nervous <mark>System</mark> Diseases			
			Hypotension			
			Vascular Diseases			
			Cardiovascular Diseases			
			Parkinson Disease			
			Multiple System Atrophy Shy-Drager Syndrome			
			Parkinsonian Disorders			
		Plan for Individual Participal	nt Data (IPD) +			
		Drug and device information helpful links	n, study documents, and +			