

Spinal Cord Injury Clinical Trials Chart

This information was compiled by a dedicated group of volunteers for the benefit of the spinal cord injury community and will be updated regularly. Unite 2 Fight Paralysis does not imply or infer an endorsement or recommendation of the below mentioned research. Questions and comments are welcome and should be directed to: trials@unite2fightparalysis.org

Acronym Chart	
ADSC	Adipose Derived Stem Cells (Body Fat)
ahSC	Autologous Human Schwann Cells
ALS	Amyotrophic Lateral Sclerosis
BMSC	Bone Marrow Stromal or Stem Cell
BMMNC	Bone Marrow Mononuclear Cell
BMPC	Bone Marrow Progenitor Cells
CPG	Central Pattern Generator
DOD	Department of Defense (United States)
DTI	Diffusion Tensor Imaging
ECoG	Electrocorticography
FES	Functional Electrical Stimulation
FGF	Fibroblast Growth Factor
FDA	Food & Drug Administration
GRNOPC1	Geron Oligodendrocyte Progenitor Cell
hESC	Human Embryonic Stem Cell
HUCB-MNC	Human Umbilical Cord Blood Mononuclear Cells
HuCNS-SC®	Human Neural Stem Cell
HSSC	Human Spinal Cord Stem Cell
IDE	Investigational Device Exemption
IND	Investigational New Drug
iPSC	Induced Pluripotent Stem Cell
NIH	National Institutes of Health
PI	Principal Investigator
rhHGF	Recombinant Human Hepatocyte Growth Factor
SCI	Spinal Cord Injury
SMA	Spinal Muscular Atrophy

Clinical Trials

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Sponsor-Therapy	Phase and Number	Injury Info	Where	What's Going On?
Active Clinical Trials				
Acorda Therapeutics Collaborator - DOD Drug AC105	PhII NCT01750684	Acute C4 - T11	US	Enrolling by invitation only News Release
AOSpine Europe Surgical Treatment	NCT01674764	Early surgical intervention	Europe	Not yet recruiting

AOSpine North American Riluzole Oral Therapy	Ph II & III NCT01597518	Acute < 24 hrs post injury	US & Canada	Recruiting
Asubio Pharm, Inc. Pharmacokinetics SUN13837	Ph II NCT01502631	Acute C4 - C7	44 Locations	Recruiting
Beaumont Hosp K. Peters, MD Lumbar to Sacral Ventral Nerve Re-Routing	Ph II NCT00378664	ASIA A Above L1 Stable neurogenic bladder for > 1 yr	US	Ongoing - Not Recruiting
Brigham & Women's Hosp Drug V158866	Ph II NCT01748695	T5 or below Neuropathic pain	US	Recruiting
Buckinghamshire Healthcare ReWalk™ Exoskeletons	Ph IV NCT01943669	C7 - L1 > 12 mos post injury	UK	Recruiting
Tobii™ Eyegaze System	Ph IV NCT01943656	C7 and above	UK	Not yet recruiting
Bukwang Pharmaceutical Autologous MSCs	Ph I NCT01624779	Chronic Complete	Korea	Recruiting
Case Western Reserve IST-16 Implanted Stimulator	NCT00623389	> 6 mos post injury C6 - T12	US	Recruiting
Chaitanya Hospital Autologous BMSCs	Ph I & II NCT01833975	All injuries	India	Recruiting
China SCINet Neuropathic pain	Ph II NCT01855594	Lithium	China	Recruiting
Clínica Las Condes Autologous Mesenchymal SCs	Ph II NCT01694927	> 3 mos post injury C5 to Lumbar	Chile	Enrolling by invitation only
Clinique Romande de Readaptation Muscle Atrophy	NCT01490950	Acute C5 - T12	Switzerland	Ongoing - Not Recruiting
Danish Pain Research Ctr Diet Supplement - Normast	NCT0181499	> 6 mos post injury	Denmark	Recruiting
Emory University Intermittent Hypoxia	Ph I NCT01272336	Between C5 & T1 Incomplete >12 mos post injury	US	Recruiting
Gen Hosp of Chinese Forces Compare outcomes of UMBCs therapy vs rehab	Ph III NCT01873547	> 1 yr post injury	China	Recruiting
Guangzhou Gen'I Hospital MSCs	Ph I & II NCT01446640	2 wks-1 yr post injury Thoracic or Lumbar ASIA A or B	China	Recruiting
Hospital Nacional de Paraplégicos de Toledo Growth Hormone	Ph III NCT01329757	>18 mos post injury C4 - T12 ASIA B or C	Spain	Recruiting
IRCCS San Raffaele Ekso training	NCT02065830	Chronic C7 to T12	Italy	Recruiting
Kennedy Krieger Institute FES Arm & Shoulder	Ph I&II NCT01005615	Chronic, C1-C6	US	Recruiting
FES Cycling	Ph II & III NCT01217047	Chronic > 6 mos	US	Recruiting

Kessler Foundation Collaborator-Acorda 4-AP & Locomotor Training	Ph II NCT01621113	>12 mos post injury C4 - T10 Asia C or D	US	Recruiting
K-Stemcell Co Ltd Adipose Derived Mesenchymal Stem Cell	Ph I & II NCT01769872	> 3 mos post injury	Korea	Recruiting
Max Institute Neuroscience Autologous BMSCs	Ph I & II NCT01730183	6 mos - 8 yrs post injury Below C5	India	Recruiting
Mem'l Hermann Healthcare Autologous BMSCs	Ph I NCT01328860	> 6 mos - < 8 yrs post injury Below C5	US	Recruiting
Metro Health Med. Center Implant Myoelectric Control	NCT00583804	Recruiting Chronic pediatric	US	Recruiting
Neuralstem, Inc. Human spinal cord SCs NSI- 566	Ph I NCT01772810	> 1 yr post injury C5 - C8	US	Not yet open for recruitment
NeuroEnabling Tech., Inc. Arm & Hand Function Non-invasive E-stim	NCT01906424	1 -2 yrs post injury T2 - T12 Complete ASIA A	US	Not yet open for recruitment
Lower Limb Function Non-invasive E-stim	NCT01949285	> 1 yr post injury	US	Not yet open for recruitment
Neurogen Brain & Spine Inst. Autologous BMSCs	Ph II NCT02009124	C7 or higher > 1 year post injury	India	Recruiting
NHSGreater Glasgow & Clyde Brain control interface & FES	NCT01852279	All SCIs	UK	Recruiting
Nordic Life Science Pipeline Collaborator-DOD SPINALON CPG Tritherapy	Ph I & II NCT01484184	Incomplete C4-C8 ASIA B & C	Canada	Recruiting
North Shore Long Island Jewish Health System Migration Inhibitory Factor	NCT00919581	Chronic C3-T12	US	Recruiting
Northwestern University Teriparatide for bone loss	Ph II NCT02025179	Acute & Chronic Observational Study	US	By invitation only
Ohio State University Neural Implant	NCT01997125	Previous use of Teriparatide	US	Recruiting
Oregon University AMES Treatment	Ph I & II NCT01498991	>12 mos post injury C4-C6 ASIA A	US	Recruiting
Pharmicell Co., Ltd. BMSCs	Ph II&III NCT01676441	Chronic - Rehab of lower extremities	Korea	Recruiting
Puerto de Hierro Univ Hosp. Autologous BMSCs	Ph I NCT01909154	Chronic ASIA A	Spain	Recruiting
Rehab Institute of Chicago Drug Lexapro	Ph I NCT01753882	Chronic C6 - L1 ASIA A	US	Recruiting
ReWalk™ Exoskeleton	Ph II NCT02104622	C1-T10	US	Recruiting
Ekso™ Exoskeleton	NCT01701388	C6 - L5	US	Recruiting
Rick Hansen Institute Minocycline-Decompression	Ph III NCT01828203	C7-S1	Canada	Recruiting

Spaulding Rehab Hospital Transcranial Stimulation	Ph I NCT01112774	> 3 mos post injury	US	Recruiting
Spinal Cord Society of NZ	Recruiting Link	Chronic Pain	Not specified	Recruiting
Stem Cells, Inc. Human CNS Stem Cells HuCNS-SC®	Ph I & II NCT01321333	Chronic thoracic Age 18-35 yrs. > 6 wks post injury	Ongoing, but not recruiting	CTV News Video U2FP Video
Long term follow up of HuCNS- SC implantation	NCT01725880	T2 - T11 w/conus function ASIA A,B or C	Switzerland	By invitation only
Swiss Paraplegic Centre Antimuscarinic drugs (bladder meds)	NCT01600404	Participation in HuCNS-SC trials	Switzerland	Recruiting
Homeopathic treatment for treatment of UTIs	NCT01477502	4-8 wk post injury effect on cognitive function	Switzerland	Recruiting
Electrical stimulation	NCT02080039	Neurogenic bladder	Switzerland	Recruiting
Toronto Rehab Institute Electrical Stimulation	Ph III NCT01292811	Chronic T10 - L5 ASIA A	Canada	Recruiting
Tri Phuoc Biotechnology Autologous ADSCs	Ph I & II NCT02034669	< 6 mos post injury C4 - C7	Vietnam	Recruiting
University of Aarhus Xiao Procedure	NCT01241630	< 2 wks post injury ASIA A C4- L4	Denmark	Ongoing, not recruiting
Univ. of British Columbia Arm nerve transfer	Ph IV NCT01579604	Chronic Cervical	Canada	Recruiting
Transcranial E-Stim	Ph II NCT01874782	Acute Cervical	Canada	Recruiting
Univ. of California - Davis Vaporized Cannabis	PhII&III NCT01555983	SCIs with neuropathic pain	US	Recruiting
University of Manitoba Nabilone	Ph II NCT01222468	C2 - T12 spasticity & neuropathic pain	Canada	Recruiting
University of Miami Autologous Schwann Cells	Ph I NCT01739023	Sub acute T3 - T11	US	Recruiting
Therapeutic Hypothermia ARTIC	Ph I NCT01739010	> 1 yr post injury Above T6	US	Recruiting
Deep Brain Stimulation	Ph I NCT02006433	T6 and above	US	Not yet recruiting
University of Pittsburgh Implant ECoG sensors on the brain surface	NCT01393444	> 1 yr. post	US	Recruiting
Microelectrode Brain- Machine Interface	NCT01364480	> 1 yr. post Cervical injury	US	Recruiting
University of Utah Micro-electrodes implanted	NCT02034461	Peripheral Nerve Injury	US	By invitation only

University of Zurich Locomotor Training	NCT01147185	ASIA B & C	Spain Switzerland	Recruiting
Veterans Affairs Bronx ReWalk™ Exoskeleton	NCT02118194	Prior participation in 20 ReWalk Sessions	US	Recruiting
ReWalk™ Exoskeleton	NCT01454570	Paraplegia > 6 mos.	US	Recruiting
Veterans Affairs Cleveland Implanted neuroprosthesis	Ph I & II NCT00890916	Cervical	US	Recruiting by invitation only
IST-16 - Implanted stimulator- telemeter	NCT01923662	>6 mos post injury C6 - T12	US	Recruiting
Veterans Affairs Pittsburgh Transcranial magnetic stim	NCT01915095	Chronic C8 or above Right handed	US	Recruiting
Washington University Nerve Transfers	NCT01714349	>6 mos post injury Cervical ASIA A & B	US	Recruiting
Upper Extremity Surgery	NCT01899664			
Proposed Clinical Trials				
BioAxone BioSciences Cethrin (BA-210)	Ph II NCT02053883	Acute Cervical	US Canada	
InVivo Therapeutics Biopolymer Scaffolding	Update	Acute	US	U2FP Video News Release
Neuralstem, Inc. NSI-566 stem cells	2014 Anticipated Start	Acute	South Korea	News Release
Shepherd Center AMES Treatment	NCT01498991	Chronic Leg Rehab	US	Not yet recruiting