

Questions and comments a	re welcome at trials@u2fp.org			2/04	/2019				
ONGOING CLINICAL TRIALS									
SPONSOR	THERAPY	PHASE & NUMBER	INJURY INFO	WHERE	STATUS				
Albany Medical College	Jamboxx Respiratory Therapy Device	<u>NCT03533400</u>	quadriplegia	US	Not yet recruiting				
AOSpine Europe	Surgical Decompression	<u>NCT01674764</u>	Acute <14 days post	Sites in Europe	Recruiting				
AOSpine North American	Riluzole Oral Therapy	<u>Ph II&amp;III</u> NCT01597518	Acute <24 hrs post	US/Canada	Recruiting				
			Video presentation		<u>News</u>				
Aristotle University Of Thessaloniki	Brainwave Control of a Wearable Robotic Arm	<u>NCT02443558</u>	Cervical SCI	Greece	Active, Not Recruiting				
Asterias Biotherapeutics	AST-OPC1	<u>Ph I &amp; II</u> NCT02302157	ASI A&B C5 -C7 Complete < 25 days post	US	Active, Not Recruiting <u>Asterias</u> <u>Presentation 6- 13-17</u> Report 1-24-17				
Baylor College of Medicine	Injection vs oral Botox	NCT01050114	Stable injury >6 mos neurogenic bladder	US	Recruiting				
BioArtic Neuroscience	Fibroblast Growth Factor 1	<u>Ph I &amp; II</u> NCT02490501	ASI A T2 - T1 1 4 - 48 mos post	Sweden	Recruiting				
Brooks Rehabilitation Ctr.	Hybrid Assistive Limb (HAL)	<u>NCT03504826</u>	ASI B, C or D >1 yr post injury	US	Not yet recruiting				
	Soterix Medical tsDCS stimulator	NCT03702842	>1 yr T12 or above ASI C or D	US	Not yet recruiting				



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Burke Med Research Institute	Non-Invasive Stim & Anklebot	<u>NCT03592173</u>	> 6 mos post function in ankle flexor and extensors	US	Recruiting				
	Robotic Training and tDCS	NCT03555838	ASI B,C or D Cervical >6 mo post	US	Recruiting				
California Institute of Tech	Brain Machine Interface	NCT 01964261	High cervical injury	US 3 locations	Recruiting				
	Multi-functional Neuroprosthetic	NCT02329652	C4-C8 >6 mos post All AIS grades	US	Recruiting				
	IST-16 Implanted Stimulator	NCT00623389	> 6 mos post C6 - T12	US	Recruiting				
Case Western Reserve Metro Health Center	Neuroprosthesis for Posture and Trunk Control	NCT01474148	>6 mos post C4-T12 ASI A-C	US	Recruiting				
	Stimulation to restore cough	<u>NCT01659541</u>	C8 or above 12 mo post incomplete 6 mo post complete	US	Recruiting				
	Implant Myoelectric Control	NCT00583804	Chronic pediatric	US	Active, not recruiting				
Centre Hospitalier Jniversitaire Vaudois	Epidural Elec Stimulation w/Robotic Rehab (STIMO)	<u>NCT02936453</u>	ASI C&D T8 & above >12 mos post	SUI	Recruiting Add'tl Info U2FP Video				
Centre Hospitalier Jniversitaire de Saint Etienne	Brain Reorganization in Neuropathic Pain	NCT02858466	Neuropathic pain	France	Recruiting				



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	NeuroRegen Scaffold™	Ph I NCT02352077	ASI A C5 - T12 Chronic	China	Recruiting by invite only				
Chinese Academy of Sciences	Collagen Scaffold Transplantation	Ph 1 NCT02510365	<21 days post C5 - T12 Acute	China	Recruiting				
	NeuroRegen Scaffold™ w/stem cells	NCT02688049	C5 - T12 Chronic ASI A	China	Recruiting				
	NeuroRegen Scaffold™ w/BMSCs vs. Intradural Decompression	NCT02688062	Thoracic Chronic ASI A	China	Enrolling by invitation				
Cleveland Clinic	Non-invasive brain stimulation	NCT01539109	Incomplete Chronic >6 mos post	US	Recruiting				
Craig Hospital	Simvastatin to treat bone loss	NCT02946424	<3 mo post Acute AIS A-C	US	Recruiting				
Da Nang Hospital	Bone Marrow-derived Mononuclear Cells	NCT02923817	3 wks -1 yr post ASI A or B	Vietnam	Recruiting				
École Polytechnique Fédérale	STIMO EES w/Robot-assisted Rehab	NCT02936453	ASI C&D T10 & above 12 mo post	Switzerland	Recruiting				
de Lausanne	LEAP: Overground Body Weight Support Robot	NCT03458169	Detailed criteria	Switzerland	Recruiting				
Ekso Bionics	Lower extremity exoskeleton	NCT02566850	Be able to balance with arms	US	Recruiting by invitation				
	Exoskeleton (WISE)	NCT02943915	C1-T10 AIS C&D	US	Recruiting				



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Erenköy Physical Therapy and Rehabilitation Hospital	exsoskeleton vs robotic training	<u>NCT03544398</u>	previous robotic training	Turkey	Recruiting				
Eusol Biotech Co., Ltd.	ES135 (rhFGF1) Fibroblast growth factor	<u>Phill NCT03229031</u>	ASI A	Taiwan 3 locations	Recruiting <u>Report on</u> <u>chronic trial</u>				
Fed. Research Clinical Ctr Novagenesis Fdn/Fortuna Fix	Neural Stem Cells	<u>Ph I &amp; II</u> NCT02326662	ASI A or B Acute & Chronic	Russia	Active, not recruiting				
Federal Univ of Pernambuco	rTMS w/Treadmill Training	NCT03394560	AIS C or D Below T1 >8 mos post	Brazil	Not yet recruiting				
Ferrer Internacional S.A.	Allogeneic Adipose Derived Adult Mesenchymal Stem Cells	NCT02917291	Two phases each with detailed criteria	Spain	Recruiting				
Groupe Hospitalier Paris Saint Joseph	Artificial Intelligence Engine (IA) Eclipse Nim, Medtronic®	NCT02833428	Acute C2 - T12	France	Recruiting				
	Transcranial Magnetic & Peripheral Nerve Stim	NCT03045744	Incomplete	Finland	Recruiting by invite only				
Helsinski Univ Central Hosp	Transcranial magnetic stimulation	NCT03104803	Incomplete Non traumatic	Finland	Recruiting by invite only				
	Paired associative stimulation	NCT03459885	Cervical incomplete	Finland	Recruiting by invite only				
Hospital Nacionalde	Autoantibodies	NCT02493543	<45 days post	Spain	Active, Not Recruiting				
Parapléjicos de Toledo	Exoskeleton	NCT03477123	ASI C - D 6 wks -18 mo post	Spain	Recruiting by invite only				



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Hospital Sao Rafael	Autologous Mesenchymal SCs	<u>PH II NCT02574585</u>	Thoracolumbar Chronic and Complete	Brazil	Not yet recruiting				
	Autologous Mesenchymal SCs	<u>Ph I NCT02574572</u>	C5 - C7 >12 mos post ASI A	Brazil	Recruiting				
Institut Guttmann	Intrathecal Wharton's Jelly Mesenchymal SCs	NCT03003364	T2-T11 AIS A Chronic 1-5yrs post	Spain	Active, Not Recruiting				
Instituto Nacional de Rehabilitacion	Robotic Gait Training	NCT02749357	>6 mos post ASI C or D	Mexico	Recruiting				
	Biopolymer Scaffolding	Ph III NCT02138110	ASI A Acute T2 - T12/L1	US	Ongoing not recruiting				
InVivo Therapeutics	INSPIRE Study			19 Locations	<u>U2FP Video</u>				
					<u>Results</u>				
lpsen Innovations	Dysport® Urinary Incontinence	PH III NCT02660138	6 mos post T1 or below	US & Canada	Active, not recruiting				
-	Dysport® Study 2	NCT02660359	6 mos post T1 or below	US & Canada	Active, not recruiting				
Kennedy Krieger Institute	FES Arm & Shoulder	Ph I & II NCT01005615	Chronic C1-C6	US	Active, not recruiting				
	Transcutaneous Stimulation (TSCS) and Gait Training	NCT03384017	>1 yr post T10 and above	US	Recruiting				
	Testosterone, Standing and Estim	NCT02317640	Male, C6 - T10 ASI A, B or C	US	Recruiting				
	Micro-fragmented adipose tissue (Lipogems®)	NCT03167138	>12 mos post C5-L5 Shoulder pain	US	Recruiting				



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Kessler Foundation	Robotic Exoskeleton	NCT02324322	>1 yr post C6-T10	US	Recruiting				
	MRI to study plasticity	NCT03069222	< 3 wks post injury	US	Recruiting				
	Mirabegron and Oxybutynin (MOSET-SCI)	NCT03187795	At least 12 mo post ASI A-D	US	Not recruiting				
	Exoskeleton and Spinal Cord Stimulation	NCT03096197	Varied criteria	US	Recruiting				
Kringle Pharma	Hepatocyte GF (KP-100IT)	Ph I & II NCT02193334	Acute below C3 < 72 hrs after injury	Japan	Recruiting				
Kunming Tongren Hospital	Decompression Surgery+Rehab vs Surgery alone	NCT02663310	>12 mos post T1 - T12 ASI A	Hong Kong	Recruiting				
InVivo Therapeutics	Neuro-Spinal Scaffold™	NCT03762655	7 or < days post injury AIS A T2 - T12	US	Recruiting				
Lille Catholic University	Ejaculatory Dyssynergia by Electronic Microsensors (EDGE)	NCT02974673	Male	France	Recruiting				
Loewenstein Hospital	Transcranial direct current stim tDCS -Pain & Function	NCT03052244	Hebrew/Neuro pain	Israel	Not yet recruiting				
Massachusetts Gen'l Hosp Case Western Reserve - Stanford - Providence	BrainGate2	NCT 00912041	Complete/incomplete quadriplegia	US 4 Locations	Recruiting				
	Epidural Stimulation	NCT02592668	2 yrs post ASI A or B C7 - T10	US	Active, not recruiting Info/Videos				
Mayo Clinic					mo/ videos				



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	Adipose-derived mesenchymal stem cells (AD-MSCs)	<u>NCT03308565</u>	2 wks - 1 yr post	US	Recruiting				
McGuire Research Institute VA Medical Center	Exoskeleton and Spinal Cord Injury (EXTra-SCI)	<u>NCT03410550</u>	>1 yr post	US	Recruiting				
McMaster University	Sacral Neuromodulation for Chronic Constipation	NCT03819062	Chronic refractory constipation	Canada	Not yet recruiting				
MD Stem Cells The Healing Institute	BMSCs Exoskeleton & Virtual Reality (SciExVR)	NCT03225625	Medically stable SCI	US	Recruiting				
Medical University of Graz	Hyperbaric Oxygenation	NCT03101982	Complete & Incomplete	Austria	Not yet recruiting				
	ahSC Transplantation	NCT02354625	C5 - T12 <12 mos post	US	Recruiting				
Miami Project to Cure Paralysis	Intermittent Hypoxia (IH) on overweight/obese persons	NCT02973438	C5 or below >1 yr post ASI A-D	US	Recruiting				
	Neural Control of Bilateral Movements	NCT02446210	Detailed criteria	US	Recruiting				
Moleac - Kebangsaan Malaysia Med Ctr	NeuroAiD drug w/rehab	NCT02537899	3 days - 4 wks post ASI A or B	Malaysia	<u>Link</u> Recruiting				
-	Exoskelton	<u>NCT03443700</u>	1-5 years post T1-L1 ASI C or D	Italy	Not yet recruiting				
Montecatone Rehab Inst	Robotic anthropomorphic exoskeleton (EKSO-GT)	NCT03443700	ASI C or D T1-L1 1-5 yrs post	Italy	Not yet recruiting				



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	Pain - Acupuncture vs Aspecific Needle Skin Stimulation	NCT03170557	ASI A,B,C or D >1 mo post	Italy	Recruiting				
Mt. Sinai Hospital	Botox to treat pain	<u>NCT02736890</u>	Pain at level of SCI	US	Recruiting				
MyndTec Inc.	Reaching/Grasping MyndMove® Neuromodulation	NCT03439319	AIS B-D C4-C7 >4 mo & <12 mo post	US & Canada	Not yet recruiting				
National Neuroscience Inst.	[BrainConnexion] - Neurodevice	NCT03811301	Tetraplegia	Singapore	Recruiting				
Neuralstem	Neural stem cell (HSSC)	NCT01772810	>1 yr, < than 2 T2-T12 & C5-C7	US	Recruiting News Link				
Nantes University Hospital	Upper limb tendon transfer	NCT03513783	At St. Jacques Hosp C5 - C6 w/health ins	France	Not yet recruiting				
	Delay in Surgery Cervical Central Cord Injury in Canal Stenosis	<u>NCT02673320</u>	AIS A-D C2-T1	4 Locations France	Not yet recruiting				
	Neuro feedback for Neuropathic pain	NCT02678494	C5 - T12	υκ	Recruiting				
NHS Greater Glasgow and Clyde	Neuro feedback for Neuropathic pain	NCT02178917	C5-T12	υκ	Recruting				
-	Brain Control Interface & FES for hand function	NCT 03257982	C2-C7 <1yr post	UK	Recruiting				
	Muscle fatigue related to FES	NCT03254862	Incomplete	ик	Recruiting				



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	Brain Control Interface & FES for hand function	NCT01852279	ASIB-C C4-C8	UK	Recruiting				
	Neural bypass for sensory and motor hand function	NCT03680872	> 1 yr post injury C5 AIS A	US	Recruiting				
Northwell Health	Biomarkers of Spontaneous Recovery	NCT02731027	0 -3 days post C4-T10 ASI A-D	US 3 Locations	Recruiting				
	Neuromuscular Stim for Hands	<u>NCT03385005</u>	Various criteria	US	Recruiting				
Northwestern University	Zoledronic Acid for bone loss	NCT02325414	<120 days post	US	Recruiting				
Ohio State University	Neural Bridge Implant System	NCT01997125	Tetraplegic C4- C6 ASIA A: 12 mo post	US	Recruiting				
Oslo University Hospital	Botox for bladder dysfunction	Ph 4 NCT01698138	C6 - T11 <4 wks post	Norway	Active, not recruiting				
Ottawa Hospital Research nstitute/Washington Univ	Nerve Transfers to Restore Hand Function	NCT02861612	C5 to C7	US	Recruiting				
Parker - Hannifin	Indego Exoskeleton	NCT02793635	>1 year post LE function	US 3 locations	Recruiting				
Recordati Industria Chimica e Farmaceutica	Drug therapy Neurogenic Detrusor Overactivity	NCT03482037	Below C6 ASI A, B or C >1 yr incontinenace	France	Recruiting				
Rehab Hospital of Indiana	High Intensity Exercise in incomplete SCI	NCT03714997	> 1 yr post ASI C or D	US	Not yet recruiting				



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	Drug Lexapro	<u>Ph I NCT01753882</u>	C1 - T10 ASI C or D 1 - 9 mos post injury	US	Active Not recruiting				
	Intermittent Hypoxia/High Intensity Training on Upper Limb	<u>NCT03643770</u>	> 1 yr post C3-T1	US	Recruiting				
	Acute Intermittent Hypoxia	<u>NCT03774043</u>	>6 mos post C3 - T1 ASI C or D	US	Recruiting				
Rehab Inst. of Chicago (RIC) Shirley Ryan AbilityLab	Hypoxia & upper limb training	<u>NCT03262766</u>	C3-T1 >1 yr post motor incomplete	US	Recruiting				
	ReWalk Exsoskeleton	<u>Ph II NCT02104622</u>	Sub-acute incomplete C1 - T10	US	Active, not recruiting				
	Ekso Exoskeleton	<u>NCT01701388</u>	C6 - L5	US	Active, not recruiting				
	Robotic or treadmill training w/transcutaneous estim	<u>NCT02991248</u>	C4 - T10	US	Not yet recruiting				
	Timing and Dosage of Acute Intermittent Hypoxia	<u>NCT00913471</u>	C3-T1 ASI C or D >6 mos post	US	Recruiting				
	Motor learning in a customized Body-Machine interface	<u>NCT01608438</u>	C3-C6 ASI A,B or C	US	Recruiting				
St. George's Univ of London	Spinal Cord Pressure (ISCoPE)	<u>NCT02721615</u>	AIS A-C <72 hrs post	UK	Recruiting				
	Human Olfactory Ensheathing Stem Cells (hOESC)	NCT02870426	Brain dead donors to donate olfactory bulbs	ик	Recruiting				



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Seoul National Univ Hospital	Transcutaneous Stimulation	NCT02863315	Cervical/High thoracic >6 mos post	So Korea	Active, not Recruiting				
Sheba Medical Center	Drug: Pregabalin for pain	NCT03748290	< <u>C3 2-3 wks post</u> injury	Israel	Recruiting				
	Stimulation 3 types	NCT02611375	C1-C8 Limited hand function	US	Recruiting				
	Transcranial direct current stimulation (tDCS)	<u>NCT03237091</u>	Cervical C1-C8 at least 6 mo post ASI A-D	US	Recruiting				
ihepherd Center	Transcranial direct current stimulation (tDCS)	NCT03237234	C3-T10 >12 mo post ASI C or D	US	Recruiting				
	Impact of Whole Body Vibration on Spasticity	NCT02340910	>5 mos post Injury T12 & higher	US	Recruiting				
	Stimulation to Augment ABT	NCT03240601	All SCI	US	Recruiting				
	Intermittent hypoxia	NCT02632422	C4-T12 AIS B-D 2-4 mo post	US	Recruiting				
Spaulding Rehab Hospital	Intermittent hypoxia	NCT02323945	C2-T12 incomplete >1 yr post	US	Recruiting				
	Non-invasive ventilation	NCT02865343	Chronic AIS A,B or C T3 or above	US	Recruiting				
	Non-invasive ventilation(NIV) w/FES Row training	NCT03267212	AIS A, B or C C5-T12	US	Recruiting				
	Hypoxia on Leg Function	NCT02274116	C4-T12 >1 yr post incomplete	US	Recruiting				



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	Caffeine & Low Oxygen	NCT02323698	below C2 and above T12 > 1 yr post	US	Recruiting				
SCI Ctr of Western Denmark	LION Procedure - Implanted ES device	NCT03441256	T5-L2 AIS A or B <12 mos post	Denmark	Recruiting by invite only				
	repetitive transcranial magnetic stimulation (rTMS)	NCT03690726	< 6 mos post incomplete injury	Denmark	Not yet recruiting				
Stem Cells Arabia	Autologous BMSCs or Leukapheresis-Derived SCs	Ph I&II NCT02687672	6 - 60 mos. post	Jordan	Recruiting				
	Rivaroxaban to treat thromboemlism	NCT02970773	AIS A >3 mos post	SUI	Recruiting				
Swiss Paraplegic Centre	Electrostimulation on Denervated Muscles	NCT02265042	>2 yrs post T10-L5 ASI A	SUI	Recruiting				
	Optimal FES Training Characteristics	NCT03621254	>6 wks - <12 wks post C7-T10 ASI A&B	SUI	Recruiting				
	Respiratory strength related to complications RESCOM	NCT02891096	C1-T12 ASI A,B,C&D	SUI	Recruiting				
	FES Reconstructive Hand & Arm Surgery	NCT03048331	C4 - T1 >6mos post All ASI levels	SUI	Recruiting				
Taipei Veterans General Hospital, Taiwan	Freewalk Exoskeleton	NCT03548649	AIS A-D C7-L5	Taiwan	Enrolling by invite				
Taris Biomedical	Trospium-Releasing Intravesical System	NCT03168828	Neurogenic Bladder >6 mo post	US 3 locations	Recruiting				
The Healing Institute	Stem Cell, Exoskeleton and Virtual Reality (SciExVR)	NCT03225625	Stable SCI	US	Recruiting				



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		PhI&II NCT02481440	2 wks - 1 yr post All injury and ASI levels	China	Recruiting
The 3rd Affiliated Hospital of Sun Yat-sen University	UC Mesenchymal SCs	PHII NCT03505034	ASI A-D >1yr post injury	China	Recruiting
		Phil NCT03521336	ASI A-D 2 wks-2 mo post	China	Recruiting
		Phil NCT03521323	ASI A-D 2 mo - 12 mo post	China	Recruiting
Thomas Jefferson University	Zoledronic Acid for Bone Loss	<u>NCT01642901</u>	C4-T10 ASI A	US	Active, Not Recruiting
Toronto Rehab Institute	Electrical Stimulation	Ph III NCT01292811	Chronic T10-L5 ASI A	Canada	Active, not recruiting
University of Aarhus	Biomarkers	NCT03505463	<72 hrs post C1-LI ISNCSCI A-C	Denmark	Not yet recruiting
University of	Neuromuscular estim	NCT03204240	C5-T12 AIS A < 14 days post	US	Recruiting
Alabama-Birmingham	Virtual reality walking for neuropathic pain	NCT03735017	> 1 yr post w/Chronic neuropathic pain	US	By invitation only
University College London	Transcutaneous estim	NCT03536338	>1 yr post C5-T12 ASI A-D	UK	Not yet recruiting
University Hospital of Ioannina	Body weight supported treadmill training (BWSTT)	NCT02031835	ASI B, C or D	Greece	Recruiting
University Hospital Montpellier	FES for grasping	<u>NCT03721861</u>	> 6 mos post injury C7 or higher ASI AorB	France	Recruiting



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University of Calgary	Minocycline-Decompression	Ph III NCT01828203	C7 - S1	Canada	Recruiting
	Arm nerve transfer	Ph IV NCT01579604	Chronic Cervical	Canada	Recruiting
	Fesoterodine for AD	NCT02676154	T6 & above >1yr post	Canada	Recruiting
Univ of British Columbia	Upper limb MyndMove Study	NCT02799966	10 days - 6 mo post ASI B&D C4-C7	Canada	Active, not recruiting
	Changes to Gut Bacteria	NCT02903472	sci	Canada	Recruiting
	CSF Monitoring and Biomarker Study (CAMPER)	NCT01279811	Acute within 48 hrs Cervical and Thoracic	US & Canada	Recruiting
University of CA - Los Angeles	Neuromodulation Arm	NCT02313194	C1 - C5 >12 mos post	US	Recruiting <u>U2FP Report</u>
, ,	Neuromodulation Bladder	NCT02331979	C2 - C8 >12 mos post	US	Recruiting
JCLA CalTech Casa Colina	Brain Implant for Neural Control of a Computer	NCT01958086	High cervical injury	US	Recruiting @ Casa Colina
Univ of CA San Francisco	Deep Brain Stimulation (DBS)	NCT 03029884	>1 yr neuropathic pain	US	Recruiting
	ECoG BMI for Motor and Speech Control (BRAVO)	NCT03698149	limited ability in arms	US	Recruiting



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	Intermittent Hypoxia	NCT03071393	>6 mos post C4-T12	US	Recruiting		
Jniversity of Florida	Intermittent Hypoxia	NCT03029559	Detailed Exclusion Criteria	US	Recruiting		
	Corticospinal Control of Walking	NCT02132650	Detailed criteria	US	Recruiting		
	Diaphragm Pacing	NCT02556125	Acute Cervical	US	Recruiting		
Jniversity of IL-Chicago	Dabir Air mattress overlay for pressure ulcers	NCT03317288	>1 yr post T10 and above	US	Recruiting		
Jniversity Hospital nselspital, Berne	microRNA Expression in Obstructive & Neurogenic Bladder	<u>NCT02410876</u>	<6 wks post injury	SUI	Recruiting		
Jniversity of Hong Kong	Tailored-made EMG driven soft- robotic hand	NCT03483766	Tetraplegia	нк	Active, Not Recruiting		
Jniversity of Jordan	BM-MSC vs AT-MSC	NCT02981576	AIS A,B or C >2wks post	Jordan	Active, not recruiting		
	Epi Stim	<u>NCT02339233</u>	Above T10	US	Recruiting		
	Recovery of Bladder & Sexual Function through ABTs	NCT03036527	Medically stable	US	Recruiting		
Jniversity of Louisville	Task-specific Epidural Stimulation Study (TS EPI)	NCT03364660	At least 2 yrs. post SCI	US	Recruiting		



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	SPARC Bladder Mapping and Training Study	NCT03452007	AIS A-B >2 yrs post	US	Not yet recruiting
	Epidural Stimulation for Cardiovascular Function	NCT02037620	AIS A,B or C Cervical injury	US	Active, Not Recruiting
	Pediatric locomotor bladder study	<u>NCT03559036</u>	Supra-sacral, non- progressive SCI	US	Recruiting
Iniversity of Maryland	Transcranial therapy	NCT03111277	>6 mo neuro pain	US	Recruiting
	Corticospinal Function	NCT02451683	≥ 6 months post C8 and above	US	Recruiting
	Intermittent Hypoxia on Metabolism and Dysglycemia	NCT 02973438	C5 or below >1 yr post BMI requirements	US	Recruiting
	TENS to prevent neuro pain	NCT03267810	< 4mo post	US	Recruiting
	Systemic Hypothermia	NCT02991690	ASI A-C <24 hr post	US	Recruiting
	D-Cycloserine and stimulation	PhIV NCT02635893	Above L5 >1 mo post dorsi/hip flexors	US	Recruiting
Iniversity of Miami	Medtronic Activa PC+S Brain Machine Interface	NCT02564419	C5 - C6 Chronic A or B	US	Recruiting
	Magnetic Stimulation	NCT02446210	Detailed criteria	US	Recruiting
	Intermittent Hypoxia	NCT03433599	> 6mo post AIS C-D C3 - T1	US	Not yet recruiting



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ONGOING CLINICAL TRIALS							
SPONSOR	THERAPY	PHASE & NUMBER	INJURY INFO	WHERE	STATUS		
	Vibration for muscle spasms	<u>NCT03598504</u>	> 1 year ASI A,B & C	US	Recruiting		
	Male Fertility Program	NCT01467869	Male	US	Recruiting		
University of Michigan	Gentamicin Sulfate for bladder infections	NCT03503513	Detailed criteria	US	Not yet recruiting		
University of Minnesota	Epidural Stimulation After Neurologic Damage (E-STAND)	NCT03026816	C6 and T10 - ASI A or B Motor complete Chronic	US	Recruiting		
University of Nove de Julho	Low-level Laser Therapy	NCT03031223	C3-L5 <1 yr post	Brazil	U2FP Video Recruiting		
	Microelectrode Brain-Machine Interface	NCT01364480	>1 yr post Cervical injury	US	Recruiting		
University of Pittsburgh	Effect of Vibration Exercise on Upper Limb	NCT02998021	T2 or lower >1 yr post	US	Recruiting		
	Brain-Machine Interface Blackrock Microsystems	NCT01894802	Tetraplegia	US	Recruiting		
University of Sao Paulo	tDCS and Lokomat Training	NCT02562001	ASI C&D 1-36 mo post	Brazil	Recruiting		
	Transcranial Magnetic Stimulation	NCT02899637	Incomplete, nonprogressive etiology	Brazil	Not yet recruiting		
Univ. of So. Calif. Calif. Institute of Technology	Neural Prosthetic System 2	NCT01964261	High cervical injury	US 3 locations	Recruiting		



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	ONGOIN	G CLINICAL TRI	ALS		
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Iniv of Texas - San Antonio	Capsaicin 8% Patch Low Dose Capsaicin 0.04% gel	<u>NCT02441660</u>	Neuropathic pain	US	Recruiting
	Anticholinergic Agent vs. Mirabegron (SCIMYR)	<u>NCT03612401</u>	Neurogenic bladder age >60 years	US	Enrolling by invite
	Transcutaneous Stimulation	<u>NCT03249454</u>	T8-T9 >6mo post ASI C&D	US	Recruiting
Jniversity of Texas - Houston	Robotic Gait Training	<u>NCT03057652</u>	> 6 mo post	US	Recruiting
	Transcutaneous Tibial Nerve Stim of bladder	<u>NCT03458871</u>	Stable SCI for 6 months	US	Recruiting
	Nerve transfers for hand function	NCT03451474	AIS A, B or C >6 mo post	US	Recruiting
Univ of Texas - Dallas	Technology Upper Extremity RePlay	NCT03621969	Upper limb impairment	US	Recruiting
Jniv of Texas - San Antonio	Drug: Mirabegron for neurogenic bladder	NCT03612401	Neurogenic bladder	US	Enrolling by invite
Jniversity of Utah	Implantable sacral neuromodulator for bladder	NCT 03083366	ASIA-B t12 or above <12 wks post	US	Recruiting
-	Micro-Electrodes Implanted in a Human Nerve	NCT02034461	peripheral nerve injury	US	Enrolling by invite
University of Washington	Transcutaneous Elec Spinal Stim (ADDRESS)	NCT03184792	C7 and above >1yr post	US	Recruiting
	Transcutaneous Stimulation	NCT03509558	T12 or above	US	Recruiting



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	ONGOIN	G CLINICAL TRI	ALS		
SPONSOR	THERAPY	PHASE & NUMBER	INJURY INFO	WHERE	STATUS
	Deep Brain Stimulation	<u>NCT03053791</u>	Incomplete T10 and up > 6 mos post	SUI	Recruiting
	Body Weight Supported Training Study	NCT03534518	>6 mos post ASI C or D Above T12 injury	SUI	Not yet recruiting
	Upper Limb Activity	NCT02098122	<90 days post	SUI	Recruiting
University of Zurich	Probing Neural Circuitry for the Control of Movement	NCT02150642	All	SUI	Recruiting
	Deep Brain Stimulation	<u>NCT03053791</u>	T10 & above Incomplete >6 mo post	SUI	Recruiting
· · · · · · · · · · · · · · · · · · ·	iCTuS-L (Interactive Computer based Therapy System for legs	NCT02149186	chronic > 1 year; acute < 3 months ASI C&D	SUI	Recruiting
	MRI to assess neuronal degeneration	<u>NCT02149511</u>	Acute	SUI	Recruiting
	INSTrUCT-SCI: INdependent Observational STUdy of Cell Transplantation	<u>NCT03069404</u>	T2-T11 Patients in Ph I&II HuCNS-SC trial	SUI	Active, not recruiting
	Transcutaneous cord stim	NCT03137108	≥12 mo post or ≥3 mo post	SUI	Recruiting
	CNS changes following SCI	NCT03772548	>6 mos post	SUI	Recruiting
Jro-Research	Tissue Bonding Cystostomy	NCT01771159	>2 years post	US	Not yet recruiting



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	ONGOIN	G CLINICAL TRI	ALS		
SPONSOR	THERAPY	PHASE & NUMBER	INJURY INFO	WHERE	STATUS
	Indego Exsoskelton	NCT03082898	C5 or lower 6 mos prefer > 1 yr post	US	Recruiting
/anderbilt University	Intrathecal Baclofen for Spasticity	NCT02903823	SCI w/spasticity	US	Recruiting
	IntraSpinal Micro-Stimulation	NCT02899858	AIS A T2-T8 >1 yr post	US	Recruiting
	Cefazolin Into Chronic Pelvic- Region Pressure Ulcer	NCT02584426	>6 mos post ASI AorB Stage III or IV PU	US	Recruiting
VA - Bronx	Albuterol to Improve Respiratory Strength	NCT02508311	C3-T6 1 yr post	US	Recruiting
	EMG Triggered Closed-Loop Stimulation	NCT03806023	> 12 mos post C2-C8 incomplete	US	Recruiting
VA Bronx and Mt. Sinai Hosp	Post-SCI Hypotension	NCT02919917	< 1 year post Non vent dependent	US	Recruiting
	Non-invasive Cervical Estim	NCT03414424	Chronic <12 mo post Incomplete C2-C8	US	Recruiting
/A Bronx and Kessler (NJ)	Denosumab-Prolia for bone loss	NCT03029442	AIS C&D < 6 mos post	US 2 locations	Recruiting
	Rx to regulate BP	NCT02893553	> 1 yr post	US 2 locations	Recruiting
	Stimulation for bowel dysfunction	NCT02641483	6 mos post	US	Not yet recruiting
	IST-16 - Implanted stimulator- telemeter	NCT01923662	> 6 mos post C6 - T12	US	Recruiting



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	ONGOIN	G CLINICAL TRIA	ALS		
SPONSOR	THERAPY	PHASE & NUMBER	INJURY INFO	WHERE	STATUS
VA Cleveland	Neuroport cortical reporting array	NCT03482310	Participant in BrainGate 2 trial	US	Recruiting
	Hand Function for Tetraplegia				Active not recruiting
	FIRSTHAND System	NCT00890916	Cervical injury	US	<u>Results</u>
	Estim for bladder hyperreflexia	NCT03472599	>6 mo post	US	Not yet recruiting
VA - Gainesville	Testosterone Plus Finasteride	NCT02248701	C4 - T7 >12 mos post ASI C&D Male	US	Recruiting
	Paired pulse induced spike- timing dependent plasticity	Ph IV NCT02701777	Detailed inclusion criteria	US	Recruiting
VA - Miami	rTMS Magnetic stimulation	NCT01915095	> 6 mos post L5 and above	US 3 locations	Recruiting
	Ηγροχία	NCT03780829	C8 or above >1 year post	US	Not yet recruiting
	Non-invasive brain stim for grasping	NCT03447509	2 mo post L5 and above ASI A - D	US	Not yet recruiting
VA - Palo Alto	Electrical Stim for Continence Vocare Bladder System	NCT02978638	AIS A Below C4 >2 yr post	US	Recruiting
/A - Pittsburgh	Transcranial magnetic stim	NCT01915095	Chronic C8 or above Right-handed	US 3 locations	Active, not recruiting
VA - MD, NJ and NY	Exoskeletal-assisted walking (ReWalk, Ekso)	NCT02314221	>6 mo post Able to hold crutches	3 locations	Recruiting



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VA - CA, FL, MA, MN, MO, NY, TX, VA, WI	Exoskeleton	NCT02658656	C6-T3 >6 mos post	US 11 locations	Recruiting		
VA Richmond	Testosterone and Long Pulse Stim	NCT03345576	T10 & below ASI A&B	US	Recruiting		
Washington University	Nerve Transfers	NCT01714349	>6 mos post injury	US	<u>Recruiting</u> <u>W2W Video</u>		
	Upper Extremity Surgery	NCT01899664	Cervical injury	US	Recruiting		