

# A Study to Evaluate the Safety of a Delivery Device for Administering LCTOPC1 in Participants With Spinal Cord Injury

NCT06841770

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<b>Status</b>	RECRUITING
<b>Phase</b>	Phase 1
<b>Sponsor</b>	Lineage Cell Therapeutics, Inc.
<b>Enrollment</b>	10 participants

## Key Eligibility Criteria

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### Inclusion (9)

- Sensorimotor complete, traumatic SCI (ASIA Impairment Scale A) or sensory incomplete, traumatic SCI (ASIA Impairment Scale B)
- For subjects with subacute injury, International Standards for Neurological Classification of SCI (ISNCSCI) Neurological Level of Injury (NLI) from C-4 to T-10 occurring 21 to 42 days prior to LCTOPC1 injection
- For subjects with chronic injury, ISNCSCI NLI from C-4 to T-10 and more than 30 days without clinical improvement from last assessment, occurring 1 to 5 years prior to LCTOPC1 injection
- Individuals must have at least one upper extremity ISNCSCI key muscle with at least 1/5 strength
- through 65 years of age, inclusive, at time of consent
- ... and 4 more (see full listing online)

### Exclusion (11)

- SCI due to penetrating trauma
- Traumatic anatomical transection, laceration, or inadequate decompression of the spinal cord based on prior surgery or MRI
- Any concomitant injury that interferes with the performance, interpretation, or validity of neurological examinations, such as multiple spinal cord lesions, brachial/lumbar plexus injury, cauda equina injury or traumatic brain injury
- Subjects with a cavity structure that would preclude successful transplantation, as identified on MRI, which may include septations or irregularities in tissue structure
- Persons with syringomyelia, defined as those with progressively enlarging cysts on T2-weighted images associated with neurological decline
- ... and 6 more (see full listing online)

## Locations (2 total)

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Rancho Research Institute, Downey, California, United States  
University of California, San Diego, La Jolla, California, United States

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<https://clinicaltrials.gov/study/NCT06841770>

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