

## Driscoll Health Plan Medical Necessity Guideline



<b>Medical Necessity Guideline:</b> Physical or Occupational Therapy for Carpal Tunnel Syndrome (CPS)	<b>Creation Date:</b> 02/19/2016	<b>Review Date:</b> 05/23/2025	<b>Effective Date:</b> 07/17/2025
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### **PURPOSE:**

To detail the indications and appropriate therapeutic treatment for Carpal Tunnel Syndrome (CTS).

LINE OF BUSINESS: STAR, STAR Kids, and CHIP

### **DEFINITIONS:**

**Carpal tunnel syndrome** - a common condition that causes pain, numbness, and tingling in the hand and arm. The condition occurs when one of the major nerves to the hand – the median nerve – is squeezed or compressed as it travels through the wrist. <sup>(1)</sup>

**PT** – Physical Therapy

**OT** – Occupational Therapy

### **GUIDELINE:**

Requests for PT/OT for CTS require prior authorization and medical review. It is anticipated that the physician will provide splints, gliding exercises, and other instruction/counseling in the usual case of CTS.

Because of limited evidence supporting therapeutic activities and modalities in the comprehensive treatment of CTS, DHP will approve limited short sessions for initial evaluation and instruction in a home therapy program. <sup>(2,3,4,7)</sup> DHP considers brief and targeted PT/OT that rapidly transitions to a robust home exercise program of benefit and considered medically necessary in the following situations: <sup>(7)</sup>

- Acute or increase in pain resulting in functional impairment that is unresponsive to analgesics, ultrasound, steroids, or splinting.
- In cases where a member requires additional instruction, reinforcement, and frequent modification of a home program due to age, cognitive capacity, compliance, or exacerbations.
- Following successful and asymptomatic conservative treatment to address residual findings such as contracture
- Post-surgical rehabilitation

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**Documentation Requirements:** Clinical records from the attending physician, neurologist, orthopedic surgeon, hand surgeon, or sports medicine physician clearly documenting the diagnosis, acute/chronic, related or aggravating conditions, testing to include CTS specific tests, current prior medical and surgical treatments and therapies, and the member's response to them

### **BACKGROUND:**

Routine Physical Therapy (PT) or Occupational Therapy (OT) has not been shown to be of benefit for the treatment of Carpal Tunnel Syndrome and may be contraindicated. Evidence-based treatment of CTS includes non-steroidal anti-inflammatories and nighttime splinting of the wrist for up to 7 weeks, followed by other conservative measures such as oral steroids, limited ultrasound, or carpal tunnel steroid injections. <sup>(9)</sup> Nerve gliding exercises – According to a Cochrane Review of exercise and mobilization interventions, there is limited and low-quality support for these exercises. <sup>(8)</sup> However, some patients benefit from exercises that help the median nerve move more freely within the confines of the carpal tunnel. <sup>(2, 3)</sup> Specific exercises may be recommended and demonstrated by the doctor or therapist as a component of the home program. These exercises do not require supervision by a therapist and are readily available as self-instructional handouts from sources such as the American Academy of Orthopedic surgeons. <sup>(8)</sup> Referral to Orthopedic Surgeon, Neurologist, or Physiatrist would follow if no improvement. <sup>(2, 3, 4, 5, 6)</sup>

### **PROVIDER CLAIMS CODES:**

ICD 10				
G56.0	Carpal Tunnel Syndrome			
CPT				
97110	97112	97124	97140	97530
97535	97014			

### **REFERENCES:**

1. Texas Medicaid Provider Procedure Manual (May 2024; Volume 2: Durable Medical Equipment, Physical, Occupational, and Speech Therapy Services Handbook, 4.6 Frequency and Duration Criteria for PT, OT, and ST services).
2. Dynamed (2020), Non-Operative Management of Carpal Tunnel Syndrome, Ipswich, MA: EBSCO Information Services, <https://www.dynamed.com/management/nonoperative-management-of-carpal-tunnel-syndrome#GUID-38FFA440-0C4D-4340-A76C-217DC2A74E6F>; Accessed 05/31/2023.
3. American Academy of Orthopaedic Surgeons. Management of Carpal Tunnel Syndrome Evidence-Based Clinical Practice Guideline. [www.aaos.org/ctsguideline](http://www.aaos.org/ctsguideline). Published February 29, 2016. <https://aaos.org/quality/quality-programs/upper-extremity-programs/carpal-tunnel-syndrome/>; Accessed 05/10/2022.

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7. American Academy of Orthopaedic Surgeons, OrthoInfo-Therapeutic Exercise Program for Carpal Tunnel Syndrome (PDF), [https://orthoinfo.aaos.org/globalassets/pdfs/a00789\\_therapeutic-exercise-program-for-carpal-tunnel\\_final.pdf](https://orthoinfo.aaos.org/globalassets/pdfs/a00789_therapeutic-exercise-program-for-carpal-tunnel_final.pdf); Accessed 05/10/2022.
8. Sevy JO, Varacallo M. Carpal Tunnel Syndrome. [Updated 2020 Aug 10]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK448179/>; Accessed 05/10/2022.
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10. Donati, D., Bocolari, P., & Tedeschi, R. (2024). Manual Therapy vs. Surgery: Which Is Best for Carpal Tunnel Syndrome Relief? *Life*, 14(10), 1286. <https://doi.org/10.3390/life14101286>
11. Ijaz MJ, Karimi H, Ahmad A, Gillani SA, Anwar N, Chaudhary MA. Comparative Efficacy of Routine Physical Therapy with and without Neuromobilization in the Treatment of Patients with Mild to Moderate Carpal Tunnel Syndrome. *Biomed Res Int*. 2022 Jun 22;2022:2155765. doi: 10.1155/2022/2155765. PMID: 35782066; PMCID: PMC9242805.

### DOCUMENT HISTORY:

DHP Committee that Approved	Review Approval Date (last 5 years)					
Medical Director	06/07/2022	05/31/2023	05/24/2024	05/23/2025		
CMO	06/07/2022	06/06/2023	06/11/2024	06/10/2025		
Medical Policy Workgroup	06/07/2022	06/06/2023	06/11/2024	06/10/2025		

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Utilization Management & Appeals	06/21/2022	06/20/2023	06/18/2024	06/17/2025		
Provider Advisory Committee (PAC)	06/17/2022	06/09/2023	07/01/2024	06/24/2025		
Clinical Management & Committee	06/24/2022 & 08/23/2022	07/20/2023	07/24/2024	07/01/2025		
Executive Quality Committee	06/28/2022	07/25/2023	07/30/2024	07/17/2025		

<b>Document Owner</b>	<b>Organization</b>	<b>Department</b>
Dr. Fred McCurdy, Medical Director	Driscoll Health Plan	Utilization Management

<b>Review/Revision Date</b>	<b>Review/Revision Information, etc.</b>
11/28/2017	No changes
11/16/2018	No changes
11/30/2019	Updated sources and new format by William Brendel, MD and Tom Morris, MD
05/13/2020	Extensive updating of sources, formatting, and codes
06/04/2020	Minor language changes per Dr. Serrao and addition of two sources by Dr. Brendel
06/16/2020	Final review
05/18/2021	Added new reference; verified other references and coding. Dr. Brendel
05/10/2022	Reviewed and updated by Dr. Dan Doucet
05/24/2022	Reviewed and final editing by Dr. Fred McCurdy
05/31/2023	Reviewed by Drs. Dan Doucet and Fred McCurdy; no changes
05/24/2024	Reviewed and revised by Drs. Dan Doucet and Fred McCurdy
05/13/2025- 05/23/2025	Annual review and revision initiated 5/13/2025 and completed on 05/23/2025 by Tamara Gonzalez, PT and Dr. Dan Doucet

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