

## **Clinical Policy: Collagenase Clostridium Histolyticum (Xiaflex)**

Reference Number: CP.PHAR.82

Effective Date: 10.01.11

Last Review Date: 08.20

Line of Business: Commercial, HIM, Medicaid

[Coding Implications](#)

[Revision Log](#)

**See [Important Reminder](#) at the end of this policy for important regulatory and legal information.**

### **Description**

Collagenase clostridium histolyticum (Xiaflex<sup>®</sup>) is a combination of bacterial collagenases.

### **FDA Approved Indication(s)**

Xiaflex is indicated for the treatment of:

- Adult patients with Dupuytren's contracture (DC) with a palpable cord
- Adult men with Peyronie's disease (PD) with a palpable plaque and curvature deformity of at least 30 degrees at the start of therapy

### **Policy/Criteria**

*Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.*

It is the policy of health plans affiliated with Centene Corporation<sup>®</sup> that Xiaflex is **medically necessary** when the following criteria are met:

#### **I. Initial Approval Criteria**

##### **A. Dupuytren's Contracture (must meet all):**

1. Diagnosis of DC with a palpable cord;
2. Prescribed by or in consultation with a healthcare provider experienced in injection procedures of the hand and in the treatment of DC;
3. Age  $\geq$  18 years;
4. Member has not received surgical treatment (e.g., fasciectomy, fasciotomy) on the selected primary joint within the last 90 days;
5. If two injections (two vials) are requested, they are for one of the following (a or b):
  - a. One cord affecting two joints in the same finger;
  - b. Two cords affecting two joints in the same hand;
6. Dose does not exceed 0.58 mg per injection (one vial per injection).

**Approval duration: 3 months (up to 2 injections)**

##### **B. Peyronie's Disease (must meet all):**

1. Diagnosis of PD with both of the following (a and b):
  - a. Palpable plaque;
  - b. Curvature deformity of  $\geq$  30 degrees at the start of therapy;
2. Prescribed by or in consultation with a healthcare provider experienced in the treatment of male urological diseases;
3. Age  $\geq$  18 years;

4. Dose does not exceed 0.58 mg per injection (one vial per injection).

**Approval duration: 3 months (up to 2 injections)**

**C. Other diagnoses/indications**

1. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

**II. Continued Therapy**

**A. Dupuytren's Contracture (must meet all):**

1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
2. Last treatment was  $\geq 4$  weeks ago;
3. Member has not received more than two total injections per affected cord;
4. Request is for one or both of the following:
  - a. Metacarpophalangeal (MP) or proximal interphalangeal (PIP) contracture remains in affected cord since previous injection and the contracture is  $> 5$  degrees;
  - b. A different MP or PIP contracture will be injected;
5. If two injections (two vials) are requested, use is for one of the following (a or b):
  - a. One cord affecting two joints in the same finger;
  - b. Two cords affecting two joints in the same hand;
6. Member has not received surgical treatment (e.g., fasciectomy, fasciotomy) on the selected primary joint within the last 90 days;
7. If request is for a dose increase, new dose does not exceed 0.58 mg per injection (one vial per injection).

**Approval duration: 3 months (up to 2 injections, total of 3 injections per affected cord)**

**B. Peyronie's Disease (must meet all):**

1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
2. Documented curvature deformity of  $\geq 15$  degrees remaining since last treatment cycle;
3. Last treatment cycle was  $\geq 6$  weeks ago;
4. Member has received  $< 4$  treatment cycles (i.e.  $< 8$  injections [2 injections per cycle]);
5. If request is for a dose increase, new dose does not exceed 0.58 mg per injection (one vial per injection).

**Approval duration: 3 months (up to 2 injections)**

**C. Other diagnoses/indications (must meet 1 or 2):**

1. Currently receiving medication via Centene benefit and documentation supports positive response to therapy.

**Approval duration: Duration of request or 3 months (whichever is less); or**

2. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

**III. Diagnoses/Indications for which coverage is NOT authorized:**

- A. Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policies – CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

- |                                   |                                     |
|-----------------------------------|-------------------------------------|
| DC: Dupuytren’s contracture       | PD: Peyronie’s disease              |
| FDA: Food and Drug Administration | PIP: proximal interphalangeal joint |
| MP: metacarpophalangeal joint     |                                     |

*Appendix B: Therapeutic Alternatives*

Not applicable

*Appendix C: Contraindications/Boxed Warnings*

- Contraindication(s): Peyronie’s plaques that involve the penile urethra; hypersensitivity
- Boxed warning(s): corporal rupture (penile fracture) or other serious penile injury in the treatment of Peyronie’s disease

**V. Dosage and Administration**

<b>Indication</b>	<b>Dosing Regimen</b>	<b>Maximum Dose</b>
DC	0.58 mg per injection intralesionally into a palpable cord with a contracture of a MP joint or a PIP joint  Injections (0.58 mg) and finger extension procedures (24 hours later) may be administered up to 3 times per cord at approximately 4-week intervals. Up to 2 injections in the same hand may be performed during a treatment visit. Two palpable cords affecting 2 joints may be injected or 1 palpable cord affecting 2 joints in the same finger may be injected at 2 locations during a treatment visit. If a patient has other palpable cords with contractures of the MP or PIP joints, these cords may be injected at other treatment visits approximately 4 weeks apart.	0.58 mg/dose
PD	0.58 mg per injection intralesionally administered into a Peyronie’s plaque; if more than one plaque is present, inject into the plaque causing the curvature deformity.	0.58 mg/dose

Indication	Dosing Regimen	Maximum Dose
	<p>A treatment course consists of a maximum of 4 treatment cycles. Each treatment cycle consists of two Xiaflex injection procedures and one penile modeling procedure. The second Xiaflex injection procedure is performed 1 to 3 days after the first. The penile modeling procedure is performed 1 to 3 days after the second injection of the treatment cycle. The interval between treatment cycles is approximately six weeks. The treatment course therefore, consists of a maximum of 8 injection procedures and 4 modeling procedures.</p> <p>If the curvature deformity is less than 15 degrees after the first, second or third treatment cycle, or if the healthcare provider determines that further treatment is not clinically indicated, then the subsequent treatment cycles should not be administered.</p> <p>The safety of more than one treatment course of Xiaflex is not known.</p>	

**VI. Product Availability**

Lyophilized powder for reconstitution (single-use glass vials): 0.9 mg of collagenase clostridium histolyticum

**VII. References**

1. Xiaflex Prescribing Information. Malvern, PA: Endo Pharmaceuticals, Inc.; November 2019. Available at <https://www.xiaflex.com/>. Accessed May 04, 2020.
2. Schulze SM and Tursi JP. Postapproval clinical experience in the treatment of Dupuytren’s contracture with collagenase clostridium histolyticum (CCH): the first 1,000 days. *Hand*. 2014; 9: 447-458.
3. Collagenase Drug Monograph. *Clinical Pharmacology*. Accessed May 04, 2020. <http://www.clinicalpharmacology-ip.com>.

**Coding Implications**

Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

HCPCS Codes	Description
J0775	Injection, collagenase, clostridium histolyticum, 0.01 mg

Reviews, Revisions, and Approvals	Date	P&T Approval Date
Converted policy to new template. DC initial auth criteria: added question about provider specialty per PI; removed question about underlying neuromuscular disorder affecting the hands - not in PI; removed thumb exclusion; added contraindications; changed approval from one injection to up to two total injections (same hand) visit. DC re-auth criteria: changed re-authorization approval of one injection to up to two injections but limited to not more than 3 injections in any one cord per PI; added criteria for a different contracture to be treated. PD criteria: added question about provider specialty and training per PI; added contraindications.	12.15	01.16
Converted policy to new template. Removed age limitation and added max dose for both indications.	12.16	01.17
Converted to new template. Dupuytren’s and Peyronie’s: Added age restriction as safety and effectiveness of Xiaflex in pediatric patients < 18 years old have not been established and removed requirement related to history of hypersensitivity to Xiaflex per safety approach. Modified approval duration to allow up to 2 injections within a 3 month period. Peyronie’s disease: Removed requirements related to completion of training for use of Xiaflex and contraindication related to plaques that involve the penile urethra since Xiaflex is available for the treatment of Peyronie’s disease only through Xiaflex REMS program.	08.22.17	11.17
3Q 2018 annual review: Policies combined for Commercial and Medicaid lines of business; HIM – Medical added; Dupuytren’s contracture – removed “table top test” and flexion contracture degree requirements (clinical trial inclusion criteria) as specialist involvement is required; references reviewed and updated.	04.30.18	08.18
3Q 2019 annual review: No significant changes; references reviewed and updated.	04.17.19	08.19
3Q 2020 annual review: no significant changes; revised HIM-Medical Benefit to HIM line of business; references reviewed and updated.	05.12.20	08.20

**Important Reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and

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**Note: For Medicaid members**, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

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