

Policy: MP291

Section: Medical Benefit Policy

Subject: TX1 Tissue Removal System for Ablating and Removing Tissue (aka percutaneous tenotomy)

I. Policy: TX1 Tissue Removal System for Ablating and Removing Tissue (aka percutaneous tenotomy)

II. Purpose/Objective:

To provide a policy of coverage regarding TX1 Tissue Removal System for Ablating and Removing Tissue (aka percutaneous tenotomy)

III. Responsibility:

- A. Medical Directors
- B. Medical Management Department

IV. Required Definitions

1. Attachment – a supporting document that is developed and maintained by the policy writer or department requiring/authoring the policy.
2. Exhibit – a supporting document developed and maintained in a department other than the department requiring/authoring the policy.
3. Devised – the date the policy was implemented.
4. Revised – the date of every revision to the policy, including typographical and grammatical changes.
5. Reviewed – the date documenting the annual review if the policy has no revisions necessary.

V. Additional Definitions

Medical Necessity or Medically Necessary means Covered Services rendered by a Health Care Provider that the Plan determines are:

- a. appropriate for the symptoms and diagnosis or treatment of the Member's condition, illness, disease or injury;
- b. provided for the diagnosis, and the direct care and treatment of the Member's condition, illness disease or injury;
- c. in accordance with current standards of good medical treatment practiced by the general medical community;
- d. not primarily for the convenience of the Member, or the Member's Health Care Provider; and the most appropriate source or level of service that can safely be provided to the Member. When applied to hospitalization, this further means that the Member requires acute care as an inpatient due to the nature of the services rendered or the Member's condition, and the Member cannot receive safe or adequate care as an outpatient.

Medicaid Business Segment

Medical Necessity shall mean a service or benefit that is compensable under the Medical Assistance Program and if it meets any one of the following standards:

- (i) the service or benefit will, or is reasonably expected to, prevent the onset of an illness, condition or disability.
- (ii) the service or benefit will, or is reasonably expected to, reduce or ameliorate the physical, mental or development effects of an illness, condition, injury or disability.

- (iii) the service or benefit will assist the Member to achieve or maintain maximum functional capacity in performing daily activities, taking into account both the functional capacity of the Member and those functional capacities that are appropriate for members of the same age.

DESCRIPTION: The TX1™ Tissue Removal System is a minimally invasive ultrasonic surgical aspirator intended for ablating and removing diseased or pathologic musculoskeletal tissue.

EXCLUSIONS: The Plan does **NOT** provide coverage for TX1™ Tissue Removal System because it is considered **experimental, investigational or unproven**. The Geisinger Technology Assessment Committee evaluated this technology and concluded that there is insufficient evidence in the peer-reviewed published medical literature to establish the effectiveness of this test on health outcomes when compared to established tests or technologies.

Note: A complete description of the process by which a given technology or service is evaluated and determined to be experimental, investigational or unproven is outlined in **MP 15 - Experimental Investigational or Unproven Services or Treatment**.

CODING ASSOCIATED WITH: Percutaneous tenotomy (TX1™ Tissue Removal System)

The following codes are included below for informational purposes and may not be all inclusive. Inclusion of a procedure or device code(s) does not constitute or imply coverage nor does it imply or guarantee provider reimbursement. Coverage is determined by the member specific benefit plan document and any applicable laws regarding coverage of specific services. Please note that per Medicare coverage rules, only specific CPT/HCPCS Codes may be covered for the Medicare Business Segment. Please consult the CMS website at www.cms.gov or the local Medicare Administrative Carrier (MAC) for more information on Medicare coverage and coding requirements.

24357 Tenotomy, elbow, lateral or medial (eg, epicondylitis, tennis elbow, golfer's elbow), percutaneous
24358 debridement, soft tissue and/or bone

Current Procedural Terminology (CPT®) © American Medical Association: Chicago, IL

LINE OF BUSINESS:

Eligibility and contract specific benefits, limitations and/or exclusions will apply. Coverage statements found in the line of business specific benefit document will supersede this policy. For Medicare, applicable LCD's and NCD's will supercede this policy. For PA Medicaid Business segment, this policy applies as written.

REFERENCES:

Geisinger Technology Assessment Committee. TX1 Tissue Removal System (Tenex Health) for Ablating and Removing Tissue. Jan 8, 2014.

ECRI, HTAIS Hotline. TX1 Tissue Removal System (Tenex Health) for Ablating and Removing Tissue. May 22, 2013.

Winifred S. Hayes, Hayes Inc. Online. Tenex Health TX Procedure (Tenex Health Inc.) for Treatment of Tendon Pain. May 27, 2014.

Barnes DE, Beckley JM, Smith J. Percutaneous ultrasonic tenotomy for chronic elbow tendinosis: a prospective study. J Shoulder Elbow Surg. 2015; 24(1):67-73.

Seng C, Mohan PC, Koh SB, et al. Ultrasonic percutaneous tenotomy for recalcitrant lateral elbow tendinopathy: sustainability and sonographic progression at 3 years. Am J Sports Med. 2016; 44(2):504-510.

Sanchez PJ, Grady JF, Saxena A. Percutaneous ultrasonic tenotomy for Achilles tendinopathy is a surgical procedure with similar complications. J Foot Ankle Surg. 2017; 56(5):982-984.

This policy will be revised as necessary and reviewed no less than annually.

Devised: 7/2014

Revised:

Reviewed: 8/2015, 8/16, 7/17, 6/18