

# Geisinger Health Plan Policies and Procedure Manual

# Policy: MP066

# **Section: Medical Benefit Policy**

# Subject: Extracorporeal Shock Wave Treatment for Musculoskeletal Indications

### Applicable line of business:

Commercial	x	Medicaid	x
Medicare	x	ACA	x
CHIP	x		

I. Policy: Extracorporeal Shock Wave Treatment for Musculoskeletal Indications

#### II. Purpose/Objective:

To provide a policy of coverage regarding Extracorporeal Shock Wave Treatment for Musculoskeletal Indications

### **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.

#### Commercial

Geisinger Health Plan may refer collectively to health care coverage sponsors Geisinger Health Plan, Geisinger Quality Options, Inc., and Geisinger Indemnity Insurance Company, unless otherwise noted. Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

#### Medicare

Geisinger Gold Medicare Advantage HMO, PPO, and HMO D-SNP plans are offered by Geisinger Health Plan/Geisinger Indemnity Insurance Company, health plans with a Medicare contract. Continued enrollment in Geisinger Gold depends on contract renewal. Geisinger Health Plan/Geisinger Indemnity Insurance Company are part of Geisinger, an integrated health care delivery and coverage organization.

#### CHIP

Geisinger Health Plan Kids (GHP Kids) is a Children's Health Insurance Program (CHIP) offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization.

#### Medicaid

Geisinger Health Plan Family (GHP Family) is a Medical Assistance (Medicaid) insurance program offered by Geisinger Health Plan in conjunction with the Pennsylvania Department of Human Services (DHS). Geisinger Health Plan is part of Geisinger, an integrated health care delivery and coverage organization

# 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**

Medically Necessary — A service, item, procedure, or level of care that is necessary for the proper treatment or management of an illness, injury, or disability is one that:

- Will, or is reasonably expected to, prevent the onset of an illness, condition, injury or disability.
- Will, or is reasonably expected to, reduce or ameliorate the physical, mental or developmental effects of an illness, condition, injury or disability.
- 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:**

Extracorporeal shock wave treatment [aka, Extracorporeal Pulse Activation Technology (EPAT)] is a non-invasive procedure that uses the force of an acoustic shock wave. Although there is support in the medical literature for the efficacy of this treatment for plantar fasciitis, the healing mechanism of extracorporeal shock wave treatment of this condition has not been described.

# INDICATIONS:

Skeletally mature members diagnosed with chronic plantar fasciitis of six (6) months duration or more that has been refractory to three (3) conservative treatment options such as rest, anti-inflammatory medications, physical therapy, corticosteroid injections and/or heel orthotics.

### LIMITATIONS:

There is inadequate evidence in the published, peer-reviewed medical literature to establish the safety and/or efficacy of Extracorporeal shock wave treatment in the following groups:

Members on anticoagulation therapy	Rheumatoid arthritis	
Children	Malignancy	
Pregnant women	Significant peripheral vascular disease	
Paget's disease	Osteomyelitis	
History of bleeding disorder	Tarsal tunnel syndrome	
Diabetic neuropathy	Fracture of the foot or ankle	
Severe osteoarthritis		

Coverage will be limited to ESWT using the high energy, single treatment protocol approved by the FDA. If repeat treatment is requested, services will be limited to a total of 2 treatments per foot per occurrence. There is insufficient evidence in the published, peer-reviewed medical literature to support the efficacy of this treatment beyond 2 treatment sessions.

# **EXCLUSIONS:**

There is insufficient evidence in the published peer- reviewed medical literature to support ESWT using FDA approved low energy, multiple treatment protocols. The treatment is considered **unproven** and is **NOT COVERED**. 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.

The Plan does **NOT** provide coverage for ESWT as a treatment for any musculoskeletal indication other than plantar fasciitis, including but not limited to tendonitis of the shoulder, tendonitis of the elbow, non-union fractures or avascular necrosis of the hip because it is considered **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.

There is insufficient evidence in the published peer- reviewed medical literature to support ESWT for indications such as, but not limited to, Peyronie's disease, erectile dysfunction, angina pectoris, breast cancer-related lymphedema, and wound healing. 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. Use of ESWT for the treatment of these conditions is considered **unproven** and is **NOT COVERED**.

# Medicaid Business Segment:

Any requests for services, that do not meet criteria set in the PARP, may be evaluated on a case by case basis.

<u>Note:</u> 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: Extracorporeal Shock Wave Treatment

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.

0101T Extracorporeal shock wave involving musculoskeletal system, not otherwise specified,

- 0102T Extracorporeal shock wave, performed by a physician, requiring anesthesia other than local, involving lateral humeral epicondyle
- 0512T Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care, initial wound
- 0513T Extracorporeal shock wave for integumentary wound healing, including topical application and dressing care, each additional wound (list separately in addition to code for primary procedure)
- 28890 Extracorporeal shock wave, high energy, performed by a physician, requiring anesthesia other than local, including ultrasound guidance, involving the plantar fascia

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.

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

Devised: 7/02

# **Revised:** 7/03 (add limitations); 7/04; 7/05 (reference); 8/09, 3/16 (removed P/A); 2/17 (added exclusions); 2/25 (update unproven language)

Reviewed: 7/07, 7/08, 10/10, 10/11, 10/12, 10/13, 10/14, 10/15, 2/18, 2/19, 2/20, 2/21, 2/22, 2/23, 2/24,

## CMS UM Oversight Committee Approval: 12/23, 5/24, 4/25

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Coverage for experimental or investigational treatments, services and procedures is specifically excluded under the member's certificate with Geisinger Health Plan. Unproven services outside of an approved clinical trial are also specifically excluded under the member's certificate with Geisinger Health Plan. This policy does not expand coverage to services or items specifically excluded from coverage in the member's certificate with Geisinger Health Plan. Additional information can be found in MP015 Experimental, Investigational or Unproven Services.

Prior authorization and/or pre-certification requirements for services or items may apply. Pre-certification lists may be found in the member's contract specific benefit document. Prior authorization requirements can be found at https://www.geisinger.org/health-plan/providers/ghp-clinical-policies

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