

## Clinical Policy: Vardenafil (Levitra, Staxyn)

Reference Number: HNCA.CP.CPA.324

Effective Date: 06.01.18

Last Review Date: 08.18

Line of Business: Commercial

[Revision Log](#)

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

### Description

Vardenafil (Levitra<sup>®</sup>, Staxyn<sup>™</sup>) is a phosphodiesterase-5 inhibitor.

### FDA Approved Indication(s)

Levitra and Staxyn are indicated for the treatment of erectile dysfunction (ED).

### 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 Levitra and Staxyn are **medically necessary** when the following criteria are met:

#### I. Initial Approval Criteria

##### A. Erectile Dysfunction (must meet all):

1. Diagnosis of ED;
2. Age  $\geq$  18 years;
3. Requested agent is on the formulary;
4. Failure of generic Viagra<sup>®</sup> (sildenafil 25 mg, 50 mg, 100 mg) unless contraindicated or clinically significant adverse effects are experienced;
5. Member is NOT on nitrates and guanylate cyclase stimulators;
6. Dose does not exceed health plan approved quantity limit and the following:
  - a. Levitra: 20 mg/day (1 tablet);
  - b. Staxyn: 10 mg/day (1 tablet);

**Approval duration:** Benefit Renewal Date (Quantity limits are plan specific)

##### B. Other diagnoses/indications

1. Refer to CP.CPA.09 if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized).

#### II. Continued Therapy

##### A. Erectile Dysfunction (must meet all):

1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
2. Member is responding positively to therapy;
3. If request is for a dose increase, new dose does not exceed health plan approved quantity limit and the following:

- a. Levitra: 20 mg/day (1 tablet);
- b. Staxyn: 10 mg/day (1 tablet).

**Approval duration:** Benefit Renewal Date (Quantity limits are plan specific)

**B. 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 12 months (whichever is less); or**

2. Refer to CP.CPA.09 if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized).

**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 policy – CP.CPA.09 or evidence of coverage documents.

**IV. Appendices/General Information**

*Appendix A: Abbreviation/Acronym Key*

ED: erectile dysfunction

FDA: Food and Drug Administration

*Appendix B: Therapeutic Alternatives*

*This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business and may require prior authorization.*

Drug Name	Dosing Regimen	Dose Limit/ Maximum Dose
Sildenafil (Viagra)	50 mg PO 1 hour (0.5 - 4 hours) before sexual activity	100 mg/day

*Therapeutic alternatives are listed as Brand name® (generic) when the drug is available by brand name only and generic (Brand name®) when the drug is available by both brand and generic.*

*Appendix C: Contraindications*

- Administration of vardenafil to patients using nitric oxide donors, such as organic nitrates or organic nitrites in any form. Vardenafil was shown to potentiate the hypotensive effect of nitrates (e.g., Nitrodur, Nitrobid, Nitrostat, Isordil, Ismo)
- Administration with guanylate cyclase (GC) stimulators, such as damps (Riociguat)

**V. Dosage and Administration**

Indication	Dosing Regimen	Maximum Dose
ED	10 mg orally 60 minutes before sexual activity	Staxyn: 10 mg/day Levitra: 20mg/day

**VI. Product Availability**

Drug Name	Availability
Vardenafil (Levitra)	Tablet: 2.5 mg, 5 mg, 10 mg, 20 mg

Drug Name	Availability
Vardenafil (Staxyn)	Orally disintegrating tablet: 10 mg

**VII. References**

1. Staxyn Prescribing Information. Whippany, NJ: Bayer HealthCare Pharmaceuticals, Inc. Co; August 2017. Available at <https://www.staxyn.com/index.html>. Accessed February 2, 2018.
2. Levitra Prescribing Information. Whippany, NJ: Bayer HealthCare Pharmaceuticals, Inc. Co; August 2017. Available at: <https://www.levitra.com>. Accessed February 2, 2018.
3. Guay, AT, et al. American Association of Clinical Endocrinologists Medical Guidelines for Clinical Practice for the Evaluation and Treatment of Male Sexual Dysfunction: A Couple’s Problem-2003 Update. Endocrine Practice, 2003; 9(1): 77-95
4. Lue TF. Drug therapy: Erectile dysfunction. N Engl J Med 2000;342:1802.
5. Steele, D. Drugs causing sexual dysfunction and their alternatives: A Reference Tool. Urol Nurs. 1989 Oct-Dec;9(6):10-12.

Reviews, Revisions, and Approvals	Date	P&T Approval Date
2Q 2018 annual review: no significant changes; policy split from CP.CPA.277 phosphodiesterase-5 inhibitor; changed approved duration from member’s renewal date to 12 months; references reviewed and updated.	02.23.18	05.18
Added redirection to sildenafil. Modified approval duration to length of benefit.	05.23.18	08.18
Created HNCA policy; modified approval duration to “Benefit Renewal Date (Quantity Limits are Plan Specific)” to review for benefit changes which may occur each year for ED.	09.14.18	10.16.18

**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 accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and

limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions. Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

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