

# MedStar Health, Inc.

## POLICY AND PROCEDURE MANUAL

Policy Number: MP.041.MH  
Last Review Date: 05/10/2018  
Effective Date: 07/01/2018

### MP.041.MH – Light Therapy in the Home, Ultraviolet B, Skin Conditions

This policy applies to the following lines of business:

- ✓ MedStar Employee (Select)
- ✓ MedStar CareFirst PPO

MedStar Health considers **Light Therapy in the Home, Ultraviolet B (UVB), Skin Conditions** medically necessary for the following indications:

Coverage of home light box therapy requires all of the following:

1. The device must be prescribed by a dermatologist.
2. The prescribed device must be approved by the Food and Drug Administration (FDA).
3. The prescribed device must be appropriate for the extent of body surface involvement.
4. The light source of the device must provide UVB light only.
5. The member must be capable of operating the light box and following specific treatment instructions determined by the prescribing dermatologist.
6. The dermatologist must maintain accurate treatment records available upon request.
7. The member must be unable to travel for office-based therapy OR It has been determined that home therapy will be more cost-effective than office-based treatment for the member.
8. The member must have one of the diseases specified as effective for home therapy, such as:
  - Psoriasis
  - Atopic dermatitis/Severe eczema
  - Pruritis secondary to an underlying disease
  - Cutaneous T-Cell Lymphoma (CTCL)
  - Mycosis Fungoides (MF)
  - Lichen planus
  - Polymorphic light eruption
  - Sezary's Disease
9. The member's skin disorder must be:
  - Severe
  - Extensive (large body area or extensive involvement of the hands and feet)

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- Refractory for a long-period of time ( $\geq$  four months)
10. The member must require treatments at least three times per week.
  11. The member's condition must be chronic in nature and require long-term maintenance therapy.

### Limitations

1. UV box therapy in the home is not covered when:
  - The member does not meet all of the qualifying clinical indications
  - It is being requested solely for the member's convenience
  - It is for cosmetic purposes such as tanning
  - For treatment of Seasonal Affective disorders
2. Psoralen and Ultraviolet A Light Therapy (PUVA) are not covered for home use.

### Background

Psoriasis is a chronic skin disease, affected approximately 2% of the population. Methods of treatment may include topical application of steroids or other drugs; ultraviolet light (actinotherapy); and coal tar alone or in combination with ultraviolet B light (Goeckerman treatment).

Broadband ultraviolet B (UVB), narrow band UVB, Psoralen plus ultraviolet A (PUVA) are types of phototherapy. Phototherapy aims to reduce itch, promote an anti-inflammatory effect, increase vitamin D production and help increase bacteria-fighting systems in the skin.

In UVB types of therapy, affected areas of the skin are exposed to artificial UV radiation. Broad band UVB light emits wavelengths in the range of 290 to 320 nanometers (nm), and narrow band UVB light emits wavelengths in the range of 311-312 nm. NB-UVB is more commonly prescribed than BB-UVB for psoriasis treatment, especially for home therapy, as it has been shown to have greater efficacy, clears plaques more quickly, and is preferred by patients.

### Codes:

CPT Codes / HCPCS Codes / ICD-10 Codes	
Code	Description
<b>HCPCS codes covered if selection criteria are met (If Appropriate):</b>	
E0691	Ultraviolet light therapy system panel, includes bulbs, lamps, timer, and eye protection; treatment area two (2) square feet or less

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E0692	Ultraviolet light therapy system panel, includes bulbs, lamps, timer, and eye protection; four (4) foot panel
E0693	Ultraviolet light therapy system panel, includes bulbs, lamps, timer and eye protection; six (6) foot panel
E0694	Ultraviolet multidirectional light therapy system in 6 foot cabinet, includes bulbs, timer, and eye protection
A4633	Replacement bulb/lamp for ultraviolet light system, each
<b>ICD-10 codes covered if selection criteria are met:</b>	
C84.0-C84.09	Mycosis fungoides
C84.1-C84.19	Sezary disease
C84.4-C84.49	Peripheral T cell lymphoma
L20.89	Other atopic dermatitis
L20.9	Atopic dermatitis, unspecified
L29.0-L29.9	Pruritis
L40.0-L40.96	Psoriasis
L41.0-L41.9	Parapsoriasis
L43.0-L43.9	Lichen Planus
L56.2	Photocontact dermatitis
L56.4	Polymorphous light eruption

### References

1. Baron ED, Stevens SR: Phototherapy for cutaneous T-cell lymphoma. *Dermatol Ther.* 2003; 16(4):303-310. <http://www.ncbi.nlm.nih.gov/pubmed/14686973>
2. Berneburg M, Rocken M, Benedix F.: Phototherapy with narrowband vs. broadband UVB. *Acta DermVenereol.* 2005; 85(2):98-108. <http://www.ncbi.nlm.nih.gov/pubmed/15823900>
3. Breuckmann F, Gambichler T, Altmeyer P, et al. UVA/UVA1 phototherapy and PUVA photochemotherapy in connective tissue diseases and related disorders: a research-based review. *BMC Dermatol.* 2004 September 20; 4(1):11. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC521488/pdf/1471-5945-4-11.pdf>
4. Cameron H, Yule S, Moseley H, et al. Taking treatment to the patient: development of a home TL-01 ultraviolet B phototherapy service. *Br J Dermatol.* 2002 Nov; 147(5):957-965. <http://www.ncbi.nlm.nih.gov/pubmed/12410707>

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5. Center for Medicare and Medicaid Services (CMS). National Coverage Determination (NCD) No. 250.1 - Treatment of Psoriasis. Effective date not posted. Longstanding NCD. Accessed: 10/27/2015.  
<http://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?NCDId=88&ncdver=1&DocID=250.1&SearchType=Advanced&bc=IAAAAgAAAAAA%3d%3d&>
6. Center for Medicare and Medicaid Services (CMS). National Coverage Determination (NCD) No. 140.5 - Laser Procedures. Effective date: 05/01/1997.  
<http://www.cms.gov/medicare-coverage-database/details/ncd-details.aspx?NCDId=69&ncdver=1&DocID=140.5&SearchType=Advanced&bc=IAAAAgAAAAAA%3d%3d&>
7. El-Mofty M, El-Darouty M, Salonas M, et al.: Narrow band UVB (311nm), psoralen UVB (311nm) and PUVA therapy in the treatment of early-stage mycosis fungoides: a right-left comparative study. Photodermatol Photoimmunol Photomed. 2005 Dec; 21(6):281-286.  
<http://www.ncbi.nlm.nih.gov/pubmed/16313238>
8. Hayes Health Technology Brief. Home Ultraviolet B Phototherapy for Psoriasis. December 23, 2014.
9. Ibbotson SH, Bilsland D, Cox NH, British Association of Dermatologists et al.: An update and guidance on narrowband ultraviolet B phototherapy: a British Photodermatology Group Workshop Report. Br J Dermatol. 2004 Aug; 151(2):283-297. <http://www.ncbi.nlm.nih.gov/pubmed/15327535>
10. Menter A, Korman NJ, Elmets CA, et al. American Academy of Dermatology Guidelines of care for the management of psoriasis and psoriatic arthritis. Section 5. Guidelines of care for the treatment of psoriasis with phototherapy and photochemotherapy. J Am Acad Dermatol. 2010 Jan; 62(1): 114-135.  
<http://www.aad.org/File%20Library/Global%20navigation/Education%20and%20Quality%20care/Guidelines-psoriasis-sec-5.pdf>
11. National Eczema Association. Phototherapy.  
<https://nationaleczema.org/eczema/treatment/phototherapy/>
12. National Psoriasis Foundation. Phototherapy.  
<https://www.psoriasis.org/phototherapy>
13. Sarkany RP, Anstey A, Diffey BL, et al.: Home phototherapy: report on a workshop of the British Photodermatology Group. Br J Dermatol. 1999 Feb; 140(2):195-199. <http://www.ncbi.nlm.nih.gov/pubmed/10733266>
14. Scheinfeld N, DeLeo V: A review of studies that have used different combinations of psoralen and ultraviolet B phototherapy and ultraviolet A phototherapy. Dermatol Online J. 2003 Dec; 9(5):7. <http://escholarship.org/uc/item/7z00p9dm>

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15. Winnington P. Efficient laser treatment for widespread, generalized psoriasis. Practical Dermatology, Oct 1 2010; Pg 43-45.  
[http://bmctoday.net/practicaldermatology/pdfs/PD1010\\_derm%20Q&A.pdf](http://bmctoday.net/practicaldermatology/pdfs/PD1010_derm%20Q&A.pdf)

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