

Dermatomal distribution | definition of dermatomal distribution by Medical dictionary

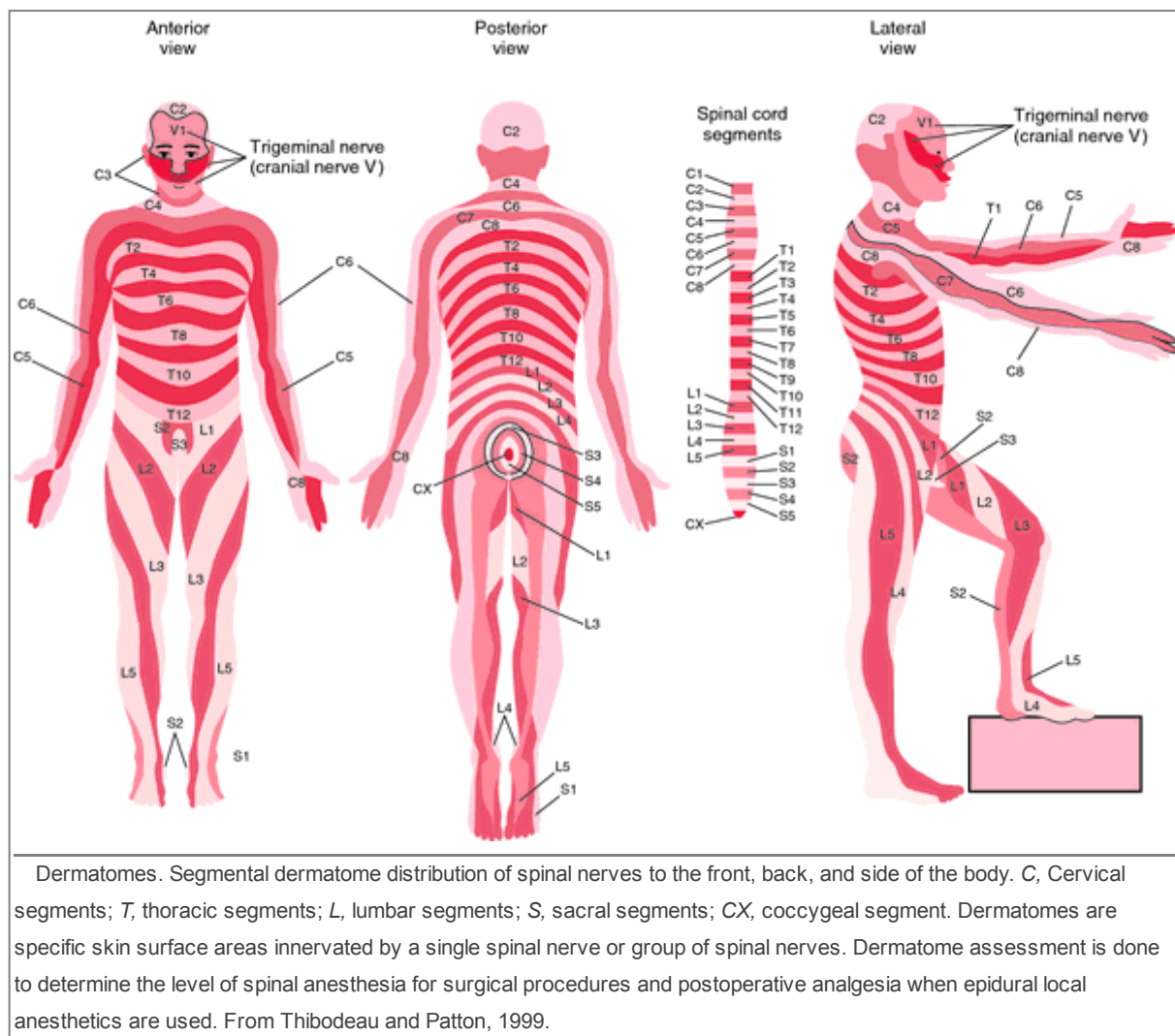
<http://medical-dictionary.thefreedictionary.com/dermatomal+distribution>

dermatome (redirected from *dermatomal distribution*)

Also found in: [Dictionary](#), [Thesaurus](#), [Encyclopedia](#), [Wikipedia](#).

dermatome [der'mah-tōm]

1. the area of skin supplied with afferent nerve fibers by a single posterior spinal root.
2. the lateral part of an embryonic somite.
3. an instrument for removing split-thickness skin grafts from donor sites; there are many different kinds, divided into three major types: knife, drum, and motor-driven.



drum dermatome a dermatome consisting of a cylindrical drumlike apparatus coated with adhesive that rolls over the skin while a blade moves across the surface and cuts the graft free.

knife dermatome the simplest type of dermatome, which is used to remove grafts by a freehand technique.

motor-driven dermatome a dermatome driven by a power source; motor-driven dermatomes cut with a back-and-forth blade action.

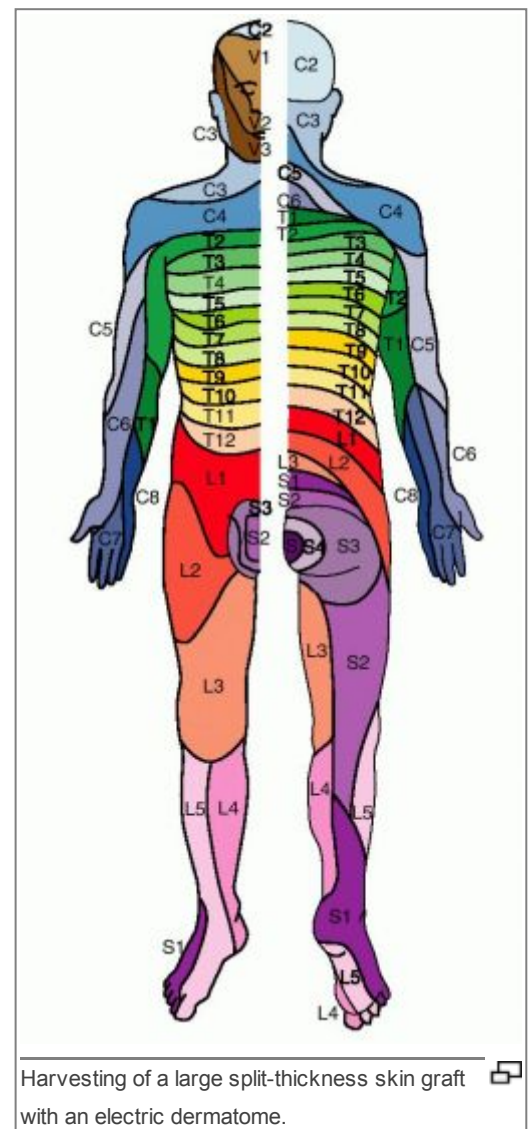
der·ma·tome (der'mă-tōm),

1. A power-driven or mechanical instrument used to cut thin sections of epidermis or dermis for grafting, or to excise small lesions.
2. The dorsolateral part of an embryonic somite. Synonym(s): **cutis plate**
3. The area of skin supplied by cutaneous branches of a single cranial or spinal nerve; neighboring dermatomes can overlap. Synonym(s): **dermatomal distribution**, **dermatomic area**
[dermato- + G. *tomē*, a cutting]

Farlex Partner Medical Dictionary © Farlex 2012

dermatome /der·ma·tome/ (der'mah-tōm)

1. an instrument for cutting thin skin slices for grafting.
2. the area of skin supplied with afferent nerve fibers by a single posterior spinal root.
3. the lateral part of an embryonic somite.



Dorland's Medical Dictionary for Health Consumers. © 2007 by Saunders, an imprint of Elsevier, Inc. All rights reserved.

dermatome (dûr'mə-tōm')

n.

1. *Anatomy* An area of skin innervated by sensory fibers from a single spinal nerve.
2. *Medicine* An instrument used in cutting thin slices of the skin, as for skin grafts.
3. *Embryology* The part of a mesodermal somite from which the dermis develops.

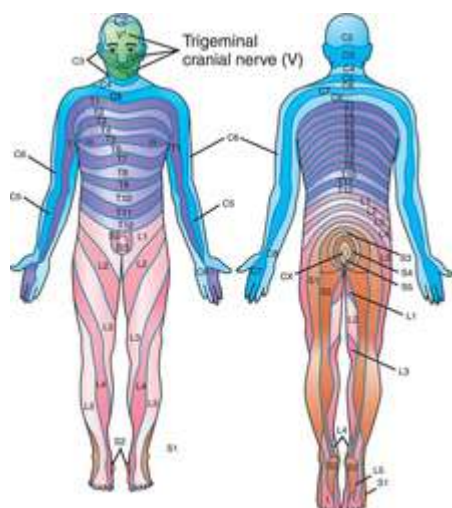
The American Heritage® Medical Dictionary Copyright © 2007, 2004 by Houghton Mifflin Company. Published by **Houghton Mifflin Company**. All rights reserved.

dermatome

[dur'mətōm]

Etymology: Gk, *derma* + *temnein*, to cut

- 1 (in embryology) the mesodermal layer in the early developing embryo that gives rise to the dermal layers of the skin.
- 2 (in surgery) an instrument used to cut thin slices of skin for grafting.
- 3 an area on the surface of a body innervated by afferent fibers from one spinal root.



Dermatome distribution of spinal nerves 

Mosby's Medical Dictionary, 9th edition. © 2009, Elsevier.

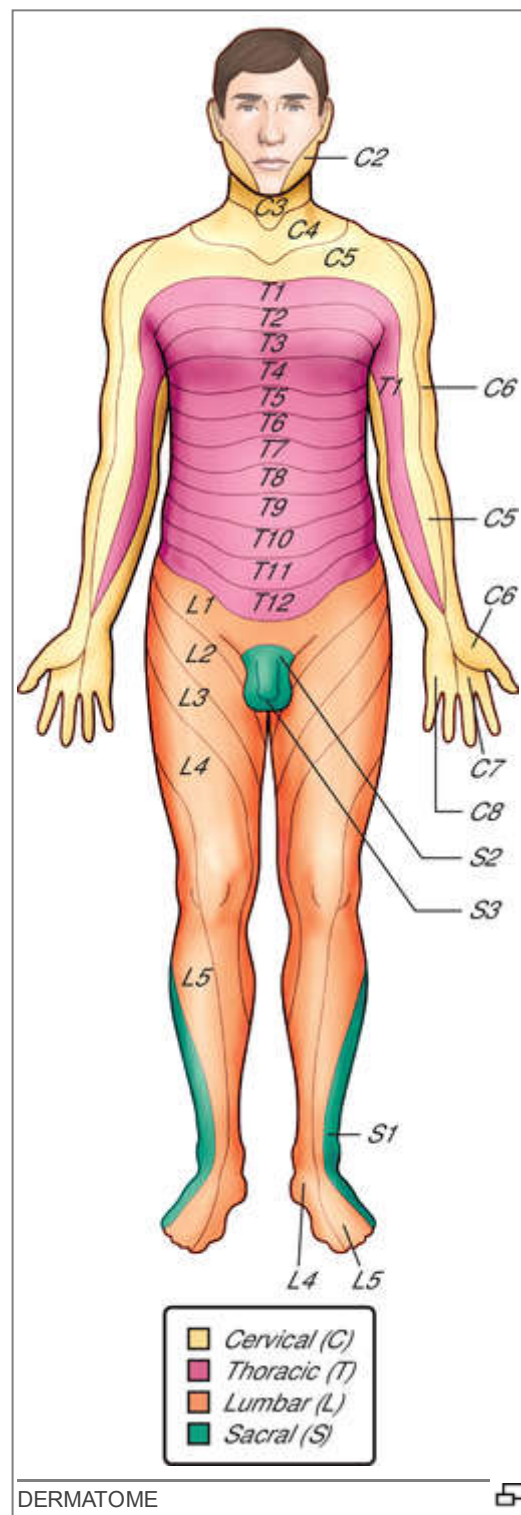
der·ma·tome (dĕr'mă-tōm)

1. An instrument for cutting thin slices of skin for grafting, or excising small lesions.
 2. The dorsolateral part of an embryonic somite.
- Synonym(s): **cutis plate**.
3. The area of skin supplied by cutaneous branches from a single spinal nerve; neighboring dermatomes may overlap.

Medical Dictionary for the Health Professions and Nursing © Farlex 2012

dermatome (dĕr'mă-tōm) [Gr. **derma**, skin, + **tome**, incision]

1. An instrument, mechanical or manual, to shave thin layers of skin for transplantation (grafting).
2. A band or region of skin supplied by a single sensory nerve. See: *illustration*
3. The lateral portion of the somite of an embryo, where the dermis of the skin originates; the cutis plate.



dermatome

1. A broad knife for taking very thin skin slices of less than full thickness (split skin) for grafting.
2. The area of skin receiving sensation from a nerve entering a single nerve root of the spinal cord.

Collins Dictionary of Medicine © Robert M. Youngson 2004, 2005

dermatome instrument for skiving thin sections of donor skin in preparation for skin graft

dermatome area of skin supplied by cutaneous branches of a spinal nerve (**Figure 1**)

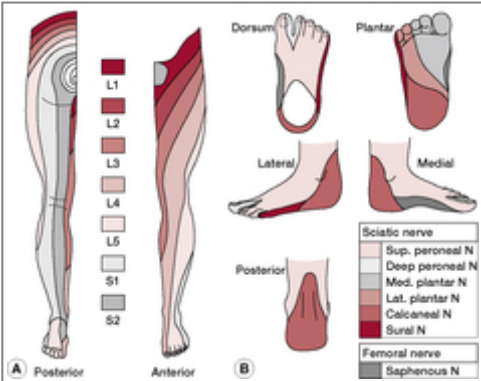
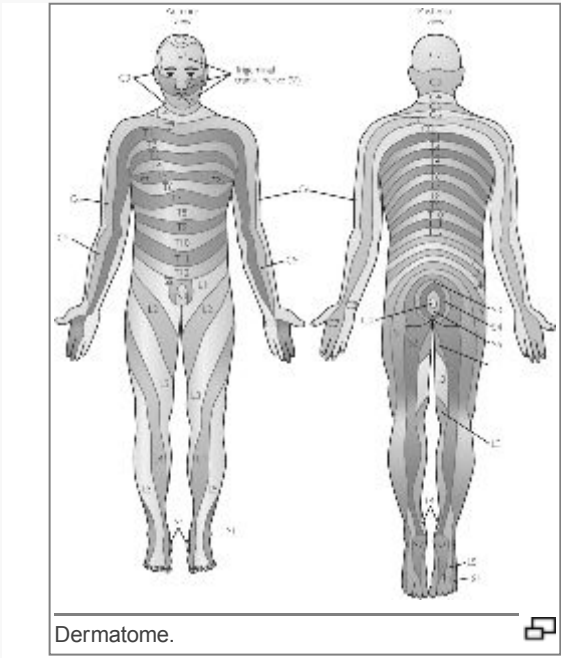


Figure 1: (A) Dermatomes: areas of lower limb skin supplied by cutaneous branches of spinal nerves. (B) Sensory dermatomes of the foot. This article was published in Neale's Disorders of the Foot, Lorimer, French, O'Donnell, Burrow, Wall, Copyright Elsevier, (2006).

Illustrated Dictionary of Podiatry and Foot Science by Jean Mooney © 2009 Elsevier Limited. All rights reserved.

dermatome,
n an area of skin innervated by a single spinal nerve and its branches. Dermatomes may overlap.



Jonas: Mosby's Dictionary of Complementary and Alternative Medicine. (c) 2005, Elsevier.

der·ma·tome (dĕr'mă-tōm)
1. An instrument for cutting thin slices of skin for grafting, or excising small lesions.

2. The dorsolateral part of an embryonic somite.

Synonym(s): **cutis plate**.

3. Skin supplied by cutaneous branches from a single spinal nerve.

Medical Dictionary for the Dental Professions © Farlex 2012

dermatome

(dur'mə-tōm'),

n 1. an instrument for cutting thin slices or layers of skin for grafting or for sequentially removing small lesions.

2. dermatologic regions of sensory innervation supplied by particular posterior root spinal nerves.

Mosby's Dental Dictionary, 2nd edition. © 2008 Elsevier, Inc. All rights reserved.

dermatome

1. an instrument for cutting thin skin slices for grafting.

2. the area of skin supplied with afferent nerve fibers by a single dorsal spinal root.

3. the lateral part of an embryonic somite.

Brown dermatome

an electric or pneumatic instrument used for cutting split-thickness skin grafts.

Saunders Comprehensive Veterinary Dictionary, 3 ed. © 2007 Elsevier, Inc. All rights reserved

| **Copyright © 2003-2016 Farlex, Inc**

Disclaimer

All content on this website, including dictionary, thesaurus, literature, geography, and other reference data is for informational purposes only. This information should not be considered complete, up to date, and is not intended to be used in place of a visit, consultation, or advice of a legal, medical, or any other professional.