



Herpes Zoster: Clinical Presentation and Complications



Please tap to begin

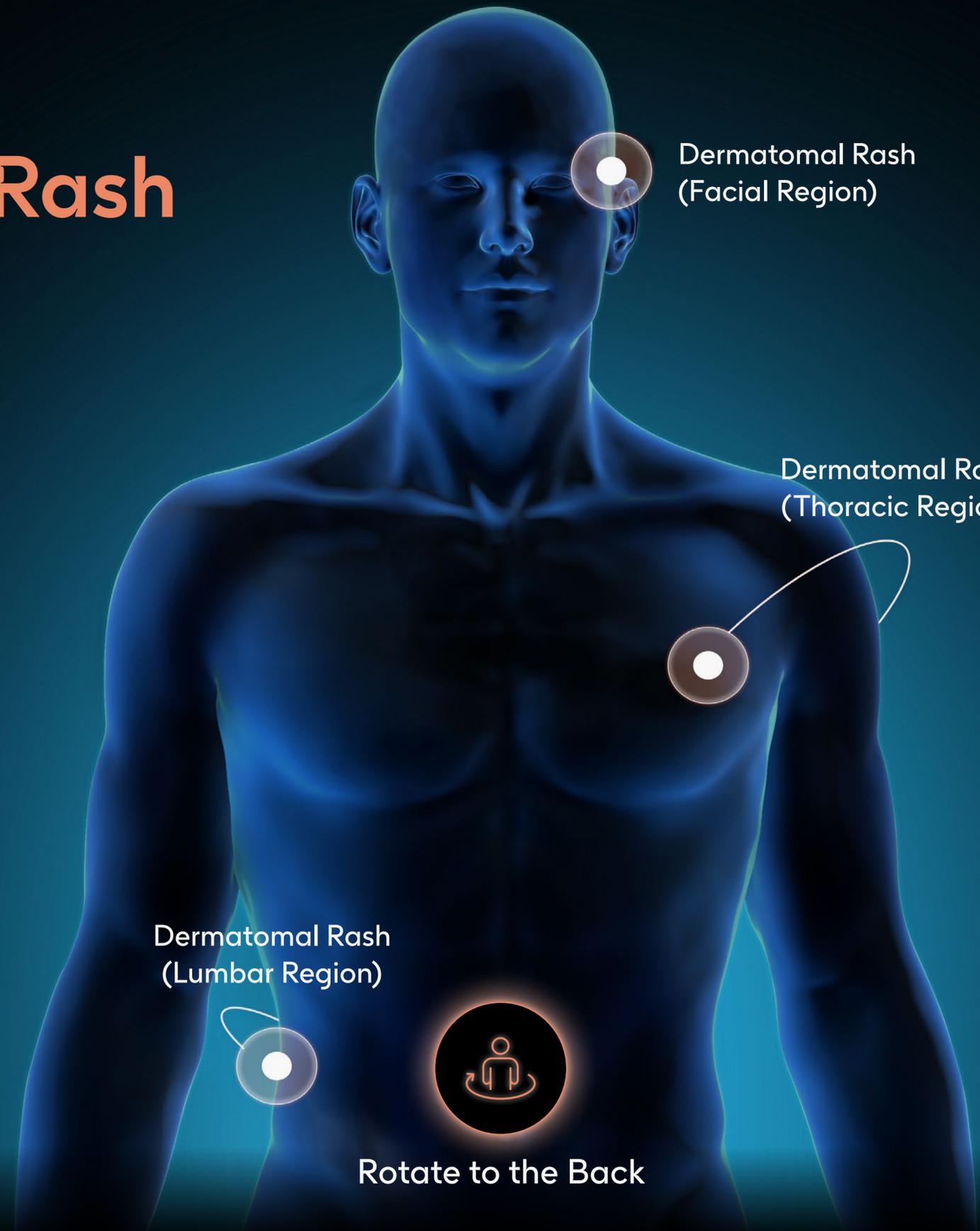
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GSK

PSE-US-2557

Common Sites of Herpes Zoster Rash



Dermatomal Rash
(Facial Region)

Dermatomal Rash
(Thoracic Region)

Dermatomal Rash
(Lumbar Region)

Rotate to the Back

Before Rash

Postherpetic Neuralgia



Before Rash



Abnormal skin sensations and pain in the area where the HZ rash will appear can **precede the rash by days to weeks**



Other prodromal symptoms may include **headaches, photophobia, and malaise**

HZ=herpes zoster.

1. Harpaz R, et al. *MMWR Recomm Rep*. 2008;57(RR-5):1-30. <https://www.cdc.gov/mmwr/PDF/rr/rr5705.pdf>

Postherpetic Neuralgia



Most common complication occurring in 10-18% of HZ cases; more common and severe **in older patients**^{1,2}



Occurs when individuals **continue to experience pain in the location of the rash** after it has resolved (common definition >90 days)¹



Associated with potentially **severe long-term pain** (months to years)¹



Among IC patients with HZ, the risk of developing PHN ranged **from 6% to 45% across immunocompromising conditions**^{3a}

^aData from a systematic review involving the following patient populations: hematopoietic stem cell transplant, hematologic malignancies, solid tumors, human immunodeficiency virus, and solid organ transplants

HZ=herpes zoster; IC=immunocompromised; PHN=postherpetic neuralgia.

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Other Complications

Other Complications



Disseminated HZ: HZ with lesions involving >2 dermatomes or any visceral or central nervous system involvement^{1,2}



Meningoencephalitis, a potentially fatal inflammation of the brain, can occur but is rare³



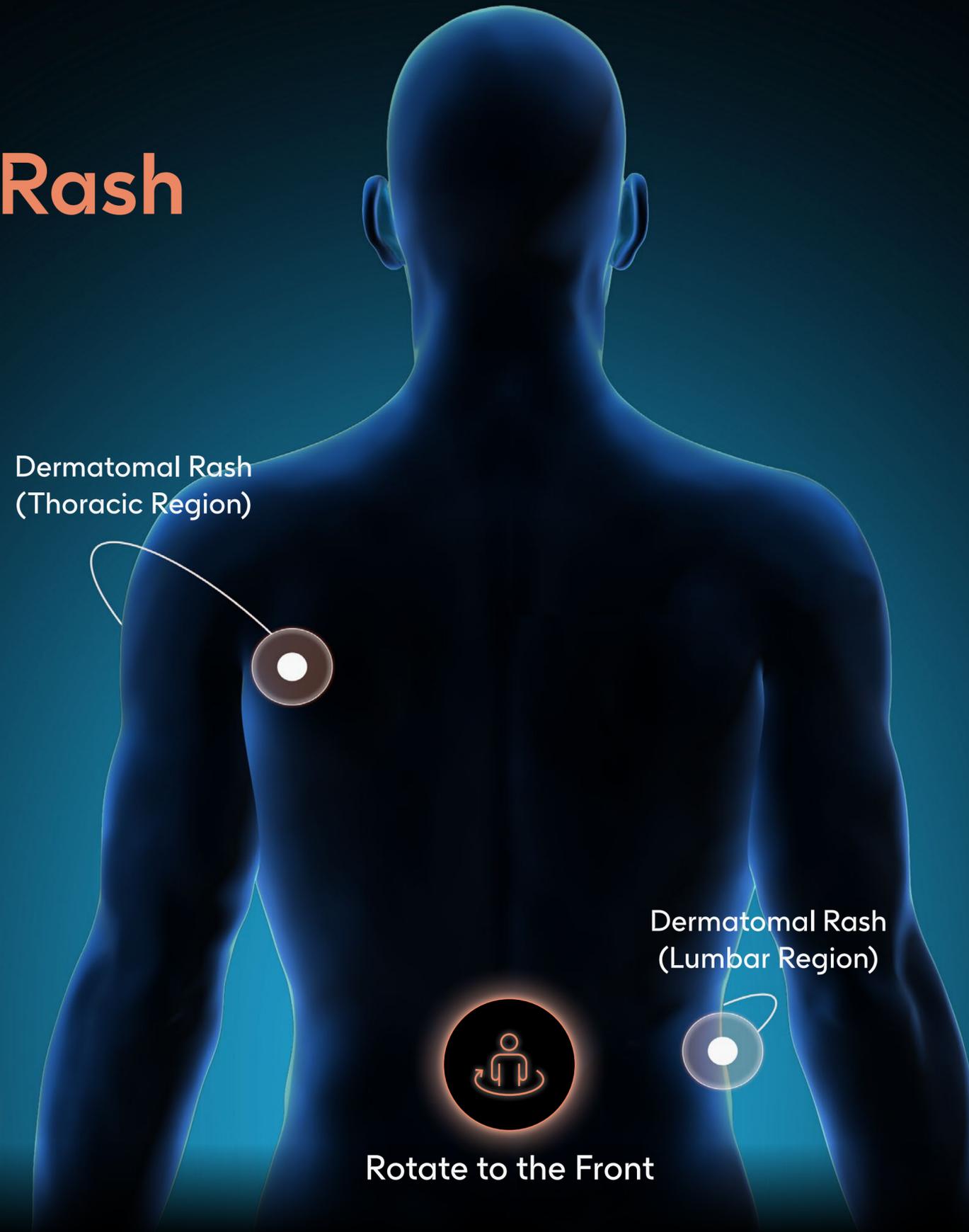
Bacterial superinfection, hearing loss, palsy, scarring, and nerve damage⁴

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Postherpetic Neuralgia

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Before Rash

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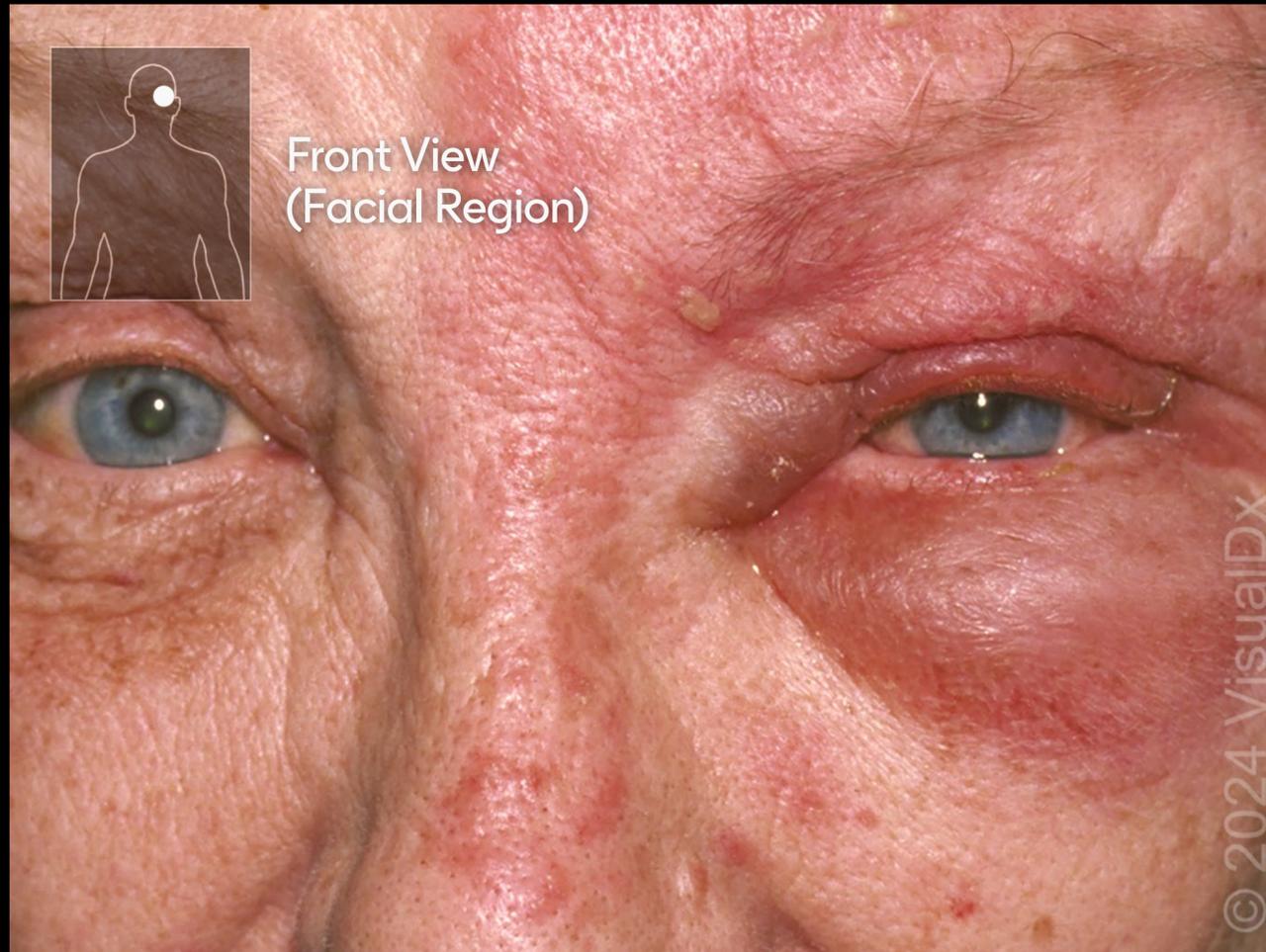
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Postherpetic Neuralgia

Dermatomal Rash (Facial Region)



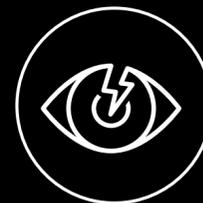
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Herpes zoster can develop along a facial dermatome, can lead to scarring, and in rare cases, facial palsy.¹



In 10-25% of zoster cases, VZV reactivates in the ophthalmic division of the trigeminal nerve resulting in herpes zoster ophthalmicus (HZO)^{1,2}



Complications of HZO may include chronic ocular inflammation (e.g., keratitis, uveitis, optic neuritis), pain, and in rare cases loss of vision^{1,2}

VZV=varicella zoster virus.

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Dermatomal Rash (Thoracic Region)



Front View
(Thoracic Region)

Rotate to the Back

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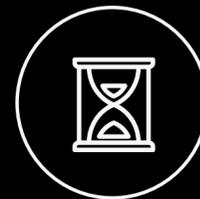
Rash from herpes zoster is typically in 1 or 2 adjacent dermatomes, unilateral, does not cross the mid-line, and can affect the **head, ophthalmic, thoracic, lumbar, arm and leg regions**^{1,2}



Initially an erythematous and maculopapular rash; evolves through **painful pustular, ulcer, and crust stages**²



Pain at rash site described as **aching, burning, stabbing, shock-like**²



Rash typically lasts 7-10 days, with skin healing within **approximately 2-4 weeks** (pigment changes or scarring may be permanent)³

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Dermatomal Rash (Thoracic Region)



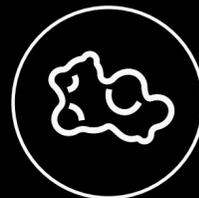
Back View
(Thoracic Region)

Rotate to the Front

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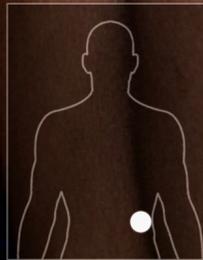
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Dermatomal Rash (Lumbar Region)



Side View
(Lumbar Region)

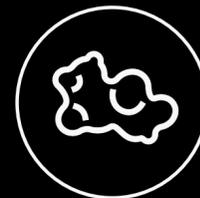


Rotate to the Back

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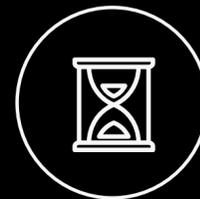
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Dermatomal Rash (Lumbar Region)



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