

JID VisualDx Quiz: November 2014

Jose E. Ollague¹ and Robert S. Kirsner¹

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JID and Logical Images, Inc., have cooperated to offer the JID VisualDx Quiz, incorporating diagnostic images from VisualDx's vast database. Questions relate to the image as well as to selected articles in JID, which are listed after the questions. Answers will be posted as supplementary material. We hope you enjoy this challenge.

visualdx.



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QUESTIONS

1. What is your diagnosis?

- Phytophotodermatitis.
- Polymorphous light eruption.
- Fixed drug reaction.
- Porphyria cutanea tarda.
- Phototoxic reaction.

¹Department of Dermatology and Cutaneous Surgery, University of Miami Miller School of Medicine, Miami, Florida, USA

2. In which of the following photoinduced conditions is UVB the wavelength implicated in disease development?
- Erythropoietic protoporphyria.
 - Lupus.
 - Melanoma.
 - Phototoxic reactions.
 - Erythema ab igne.
3. Intense intermittent exposure to sunlight is associated with which of the following?
- Increased DNA damage in skin.
 - Increased urinary T-T dimers.
 - Reversal of vitamin D insufficiency.
 - Melanoma.
 - All of the above.

TOPIC ARTICLE

Questions 2 and 3 refer to the following article:

Petersen B, Wulf HC, Triguero-Mas M *et al.* (2014) Sun and ski holidays improve vitamin D status, but are associated with high levels of DNA damage. *J Invest Dermatol* 134:2806–13

Answers are available as supplementary material at <http://dx.doi.org/10.1038/jid.2014.394>.