

Photo Allergic Contact Dermatitis

PACD is an allergic contact dermatitis, where a substance, which is in contact with the skin; is activated by sunlight (ultraviolet radiation) and induces an allergic response.

World Allergy Week

22 - 28 April

- PACD can affect people during WORK and leisure activities.
- PACD reportedly affects 10 - 20% of people with photosensitive eruptions (skin disorders triggered by exposure to sunlight).
- Sunscreens are a common cause of PACD.



COMMON SYMPTOMS

- Burning sensation
- Red itchy rash
- Bumps and blisters
- Peeling of skin
- Swelling or tenderness
- Scaly or dry cracked skin



Causes

There are numerous causes of PACD, however the common ones include:

ANTI-BACTERIAL AGENTS

FRAGRANCES

DRUGS (ANTIBIOTICS, DIURETICS)

CLEANING AGENTS (SALICYLANILIDE)

SUNSCREENS AGENTS

Prevention Prevention Prevention

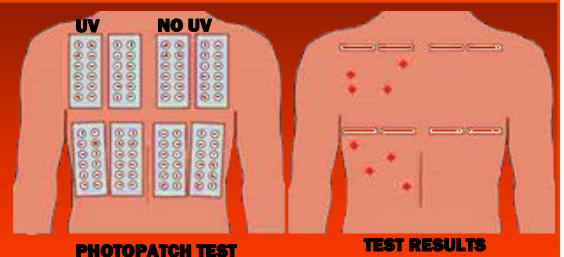
- ▶ Avoid exposure to substances that trigger this reaction.
- ▶ Wear clothing that covers the skin when working in the sun.
- ▶ Avoid sunlight
- ▶ Wear sunscreen with high UV protection (> 30 SPF).

PHOTOALLERGY TESTING

The NIOH Occupational Skin Clinic can test for a variety of photoallergens, including sunscreens and medications. The clinic can test using your own products!! To know more about PACD and photoallergy testing:

CONTACT US

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PHOTOPATCH TEST

TEST RESULTS