

Case report describes contact dermatitis from ultrasound gel

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(HealthDay)—An atypical presentation of contact dermatitis due to ultrasound gel has been reported in a 67-year-old male patient. The case report was published online Sept. 8 in the *Journal of Dermatology*.

François Chasset, M.D., from the Pitié-Salpêtrière Hospital in Paris, and colleagues describe a case of allergic [contact dermatitis](#) with Doppler ultrasound gel in a 67-year-old male without a history of atopy.

The researchers found that the patient developed a skin eruption 36 hours after arterial Doppler with ultrasound gel, with atypical non-infiltrated purpuric purple plaques with crumbled edges located on the vascular axes. The same clinical purpuric eruption was seen in semi-open

test with ultrasound gel and patch test with phenoxyethanol.

"We report an adverse skin effect with Doppler ultrasound gel due to phenoxyethanol with likely associated irritant reaction with parabens," the authors write. "Cutaneous adverse events due to ultrasound gel are mostly [allergic contact dermatitis](#) but anaphylaxis manifestations have been described as well. The complete list of components of the ultrasound gel obtained by direct contact with the manufacturer is recommended to identify the involved allergen."

More information: [Abstract](#)
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