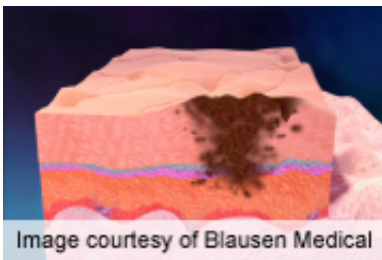


# Skin cancer incidence up after pancreas transplantation

September 21 2012

---



Nonmelanoma skin cancers commonly occur after pancreas transplantation, particularly in those who have a history of skin cancer, according to a study published in the October issue of the *Journal of the American Academy of Dermatology*.

(HealthDay)—Nonmelanoma skin cancers (NMSCs) commonly occur after pancreas transplantation (PT), particularly in those who have a history of skin cancer, according to a study published in the October issue of the *Journal of the American Academy of Dermatology*.

Joshua P. Spanogle, M.D., of the Mayo Clinic in Rochester, Minn., and colleagues conducted a retrospective study involving 216 patients who had received allogeneic PT. Recipients were assessed at two, five, and 10 years after transplantation to evaluate the incidence, [tumor burden](#), and risk factors for skin cancer.

The researchers found that the cumulative incidence of any skin cancer

was 4.7 percent at two years post-transplantation; 12.7 percent at five years; and 19.6 percent at 10 years. The cumulative incidence of squamous cell carcinoma was 2.8, 10.3, and 16.7 percent, respectively, and the cumulative incidence of basal cell carcinoma was 2.4, 7.8, and 17.4 percent, respectively. At two years, the cumulative incidence of developing a second [squamous cell carcinoma](#) or [basal cell carcinoma](#) was 56 and 36 percent, respectively. The only predictors of skin cancer were patient age and a history of skin cancer prior to transplant.

"In light of the substantively increased risk both for primary skin cancers and for subsequent NMSCs in the PT population, preventive and mitigating measures are crucial," the authors write. "Frequent evaluation of PT recipients by a health care professional trained in evaluating skin pathology is important in lessening the effect of NMSC, which is more easily treated in the early course of the disease."

**More information:** [Abstract](#)

[Full Text \(subscription or payment may be required\)](#)

Copyright © 2012 [HealthDay](#). All rights reserved.

Citation: Skin cancer incidence up after pancreas transplantation (2012, September 21) retrieved 5 May 2023 from

<https://medicalxpress.com/news/2012-09-skin-cancer-incidence-pancreas-transplantation.html>

<p>This document is subject to copyright. Apart from any fair dealing for the purpose of private study or research, no part may be reproduced without the written permission. The content is provided for information purposes only.</p>
--