

Stem cell transplant may be effective for systemic sclerosis

February 7 2018



(HealthDay)—Stem cell transplant may be an effective treatment for

systemic sclerosis (SSc), according to a small study published online Feb. 2 in the *International Journal of Rheumatic Diseases*.

Velu Nair, M.D., from the Armed Forces Medical College in Pune, India, and colleagues assessed four patients who underwent autologous hematopoietic stem cell transplant (HSCT) for SSc between 2008 and 2012. Selection criteria included rapidly progressive disease with involvement of at least one major organ.

The researchers found that, over seven years of follow-up, there was significant sustained improvement in skin score as well as in vasculopathy and gastrointestinal manifestations. There was no further deterioration in [interstitial lung disease](#). There was also remarkable improvement in quality of life indices among all subjects. No transplant-related complications were seen.

"In absence of an effective pharmacotherapy for SSc, autologous HSCT has a huge potential in management of cutaneous and internal organ manifestations," the authors write.

More information: [Abstract](#)
[Full Text \(subscription or payment may be required\)](#)

Copyright © 2018 [HealthDay](#). All rights reserved.

Citation: Stem cell transplant may be effective for systemic sclerosis (2018, February 7)
retrieved 5 February 2024 from
<https://medicalxpress.com/news/2018-02-stem-cell-transplant-effective-sclerosis.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>
--