

A study confirms the correlation between premature alopecia and prostate conditions

March 15 2012

Spanish scientists have confirmed that there is a clear relationship between androgenetic alopecia (common premature baldness) and benign prostate hyperplasia (BPH), a benign enlargement of the prostate that appears in aging men and is associated with certain hormones as dihydrotestosterone. This condition appears in 50% of men over 60 year old and causes voiding syndrome i.e. urinary frequency.

In the light of the study published in the *Journal of the American Academy of Dermatology*, [men](#) with premature alopecia are at a higher risk for BPH than the rest of men. This article was awarded the 1st prize at the 68 Annual Conference of the American Academy of Dermatology celebrated in Miami.

Androgenetic alopecia is the most common form of baldness, and is more frequent in men than in women. It has a hereditary component and gradually evolves when no treatment is provided. Benign prostate hyperplasia is also the most common prostate condition and causes an abnormal and irregular enlargement of the glands adjoining the [urethra](#). This causes the growth of a [benign tumor](#) that blocks urine output.

A Study Including 87 Men

This study included a total of 87 men, of which 45 were diagnosed with androgenetic alopecia by a [dermatologist](#), while the other 42 were healthy men who acted as controls. Measurements were taken of prostate

volume by transrectal ultrasound and urinary flow by urinary flowmetry. [Hormone levels](#) and International Index of Erectile Function were also assessed.

The results of this study proved that there was a clear and direct association between premature alopecia and benign prostate hyperplasia.

This study was conducted by researchers at the University of Granada, the university hospital San Cecilia of Granada, Spain and St. Thomas' Hospital in London Salvador Arias Santiago, Miguel Ángel Arrabal Polo, Agustín Buendía Eisman, Miguel Arrabal Martín, María Teresa Gutiérrez Salmerón, María Sierra Girón Prieto, Antonio Jiménez Pacheco, Jaime Eduardo Calonje, Ramón Naranjo Sintés, Zuluaga Gómez and Salvio Serrano Ortega

More information: Arias-Santiago S, Arrabal-Polo MA, Buendía-Eisman A, Arrabal-Martín M, Gutiérrez-Salmerón MT, Girón-Prieto MS, Jiménez-Pacheco A, Calonje JE, Naranjo-Sintés R, Zuluaga-Gomez A, Serrano Ortega S. Androgenetic alopecia as an early marker of benign prostatic hyperplasia. "J Am Acad Dermatol". 2012 Mar;66(3):401-8.

Provided by University of Granada

Citation: A study confirms the correlation between premature alopecia and prostate conditions (2012, March 15) retrieved 20 September 2024 from <https://medicalxpress.com/news/2012-03-premature-alopecia-prostate-conditions.html>

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.