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## Lung transplantation for pulmonary alveolar microlithiasis ...

https://**www.ncbi.nlm.nih.gov**/pmc/articles/PMC2827711

**Pulmonary alveolar microlithiasis** (**PAM**) is a rare **idiopathic lung disease**, characterized by the formation and accumulation of tiny, round corpuscles called “microliths” that consist primarily of calcium and phosphorus mixed with small amounts of magnesium and aluminum. Most of the **reported cases** are of patients between 20 and 40 years of age.

**Cited by:** 18 **Author:** Marcos Naoyuki Samano, Daniel Reis W...
**Publish Year:** 2010

## Pulmonary alveolar microlithiasis: two case reports and ...

https://err.ersjournals.com/content/21/125/249

Sep 01, 2012 · We present **two cases of pulmonary alveolar microlithiasis** with different mutations in the SLC34A2 gene that have not been previously described, and a review of the literature. **Pulmonary alveolar microlithiasis** is a rare diffuse **lung disease** characterised by deposition of calcium phosphate within the **alveolar airspaces**.

**Cited by:** 19 **Author:** Åsa Lina M. Jönsson, Ulf Simonsen, Ole ...
**Publish Year:** 2012

## Pulmonary alveolar microlithiasis: A case report and ...

https://www.spandidos-publications.com/10.3892/etm.2017.5457

Nov 07, 2017 · Introduction. **Pulmonary alveolar microlithiasis** (PAM) is a hereditary lung disease in which calcium phosphate microliths, termed calcospherites, accumulate in the **alveolar** spaces ().Mutations in the solute carrier family 34 member 2 (SLC34A2) gene, which encodes the type IIb sodium-phosphate cotransporter in **alveolar** type II cells, are responsible for the pathogenesis of ...

**Author:** Xu-Dong Zhang, Jin-Ming Gao, Jin-M... **Publish Year:** 2017

## Lung transplantation for pulmonary alveolar microlithiasis ...

https://www.researchgate.net/publication/41578993_Lung_**transplantation_for_pulmonary**...

Lung **transplantation for pulmonary alveolar microlithiasis**: **A case report**.pdf ... **Pulmonary alveolar microlithiasis**: **A case report and review** of the **literature**. ... **Single lung transplantation** (S ...

**Name of Journal:** *World Journal of Clinical Cases*

**Manuscript NO:** 50367

**Manuscript Type:** CASE REPORT

# Single-lung transplantation for pulmonary alveolar microlithiasis: A case report



Xing-Yu Ren, Xiang-Ming Fang, Jing-Yu Chen, Hao Ding, Yan Wang, Qiu Lu, Jia-Lei Ming, Li-Juan Zhou, Hong-Wei Chen

## Abstract

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**Cited by:** 18 **Author:** Marcos Naoyuki Samano, Daniel Reis W...
**Publish Year:** 2010

## Pulmonary Alveolar Microlithiasis: A Rare Indication for ...

https://www.ctsnet.org/article/**pulmonary-alveolar-microlithiasis**-rare-indication...

Oct 15, 2018 · A rare indication for lung **transplantation** - **pulmonary alveolar microlithiasis**: institutional experience of five consecutive cases. Clin **Transplant**. 2016;30(4):429-434 . Bonnette P, Bisson A, el Kadi NB, et al. Bilateral **single** lung **transplantation**.

## Lung transplantation for pulmonary alveolar microlithiasis ...

www.scielo.br/scielo.php?script=sci_arttext&pid=S1807-59322010000200016

Lung **transplantation for pulmonary alveolar microlithiasis**: **a case report** . ... We **report** a successful **case** of bilateral sequential lung **transplantation** in a patient with PAM. ... El-Dakhaknny M, Al-Ibrahim K, Mansour MS. **Single** Lung **Transplantation** for **Alveolar** Mcro-Lithiasis: The First Clinical **Report**. Saudi J Kidney Dis **Transplant** 1996;7:189-93.

Published in: Clinics · 2010
Authors: Marcos Naoyuki Samano · Daniel Reis Waisberg · Mauro Canzian · Silvia Vidal Campos
Affiliation: University of Sao Paulo
About: Lung **transplantation**

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europepmc.org/articles/PMC2827711

Feb 01, 2010 · INTRODUCTION. **Pulmonary alveolar microlithiasis** (PAM) is a rare idiopathic lung disease, characterized by the formation and accumulation of tiny, round corpuscles called "microliths" that consist primarily of calcium and phosphorus mixed with small amounts of magnesium and aluminum 1.Most of the reported cases are of patients between 20 and 40 years of age.

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**Cited by:** 18 **Author:** Marcos Naoyuki Samano, Daniel Reis W...
**Publish Year:** 2010

## Pulmonary Alveolar Microlithiasis: A Rare Case Report

https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3808952

**Pulmonary alveolar microlithiasis** is an uncommon infiltrative **pulmonary** disease characterized by deposition of microliths in the alveoli. We present the **case** of a young adult with complaints of shortness of breath on exertion. Chest radiograph showed innumerable small, dense nodules, diffusely ...

**Cited by:** 1 **Author:** Kaleem Ahmad, Mukesh Kumar Gupta, K...
**Publish Year:** 2013

## Pulmonary Alveolar Microlithiasis: A Rare Indication for ...

https://www.ctsnet.org/article/**pulmonary-alveolar-microlithiasis**-rare-indication...

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## Pulmonary alveolar microlithiasis: two case reports and

## Pulmonary alveolar microlithiasis

Rare Inherited Disorder

Pulmonary alveolar microlithiasis is a rare, inherited disorder of lung phosphate balance that is associated with small stone formation in the airspaces of the lung. Mutations in the gene SLC34A2 result in loss of a key sodium, phosphate co-transporter, known to be expressed in distal alveolar type II cells, as well as in the mammary gland, and to a lesser extent in intestine, kidney, skin, prostate and testes. As the disease progresses, the lung fields become progressively more dense on the chest xray, and low oxygen level, lung inflammation and fibrosis, elevated pressures in the lung blood vessels, and respiratory failure ensue, usually in middle age. The clinical course of PAM can be highly variable, with some patients remaining asymptomatic for decades, and others progressing more rapidly. There is no effective treatment, and the mechanisms of stone formation, inflammation and scarring are not known.

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