

**Title:** Stem Cell Therapy can help treat COPD

**Summary:**

Marilyn Calick has suffered from asthma for as long as she can remember, but over the past decade she has also developed a condition that causes severe shortness of breath and chest tightness. Called chronic obstructive pulmonary disease (COPD), the lung ailment has forced 54-year-old Calick to use steroids and a rescue inhaler daily. Stem cells, which can self-renew and replace damaged areas of the body, have been used in the treatment of orthopedic, cardio, autoimmune, neurological— and pulmonary disorders, like Calick's

**Date:** 7<sup>th</sup> January 2015

**Location:** NYC, United States

**Article:**

Marilyn Calick has suffered from asthma for as long as she can remember, but over the past decade she has also developed a condition that causes severe shortness of breath and chest tightness. Called chronic obstructive pulmonary disease (COPD), the lung ailment has forced 54-year-old Calick to use steroids and a rescue inhaler daily.

"You can't get up and walk 10 or 15 feet to go to the bathroom without wheezing," Calick, of West Hempstead, New York, told FoxNews.com.

Calick's medications helped manage COPD, but anytime she stopped taking them, her symptoms would return.

As Calick ran out of options, she sought help from Dr. David Borenstein in New York City. Borenstein, an integrative medicine physician, is one of numerous doctors in the world who is using stem cell therapy to treat various diseases.

Stem cells, which can self-renew and replace damaged areas of the body, have been used in the treatment of orthopedic, cardio, autoimmune, neurological— and pulmonary disorders, like Calick's.

Stem cells are centrifuged. Next, stem cells are mixed in a solution, which is administered through an IV and put into a nebulizer, from which the patient inhales them.

**Reference:** <http://www.foxnews.com/health/2016/01/07/how-stem-cell-therapy-may-help-treat-copd.html>