



# CSIR IN MEDIA

A Daily News Bulletin

14<sup>th</sup> June, 2016, Page: 1

## Herbal extracts holds promise to heal women bone fractures in 7 days flat

*The extracts have the potential to offer an alternative treatment to bone loss during osteoporosis, which is a 'porous bone' condition.*

Natural extracts from the leaves of *Dalbergia sissoo* or the Indian rosewood tree (also called the shesham), and *Ulmus wallichiana* or the Himalayan elm, have the potential to treat bone loss in women soon after menopause and also heal fractures quite efficiently.

The nutraceutical extracts were under tests at central drug research institute (CDRI), Lucknow and now a Petlad based herbal pharmaceutical manufacturing company in Anand district has been transferred the technology to manufacture it as a herbal drug.

Scientists at the CDRI claim that the herbal extracts has the ability to reduce the healing time for bone fractures from 21 days to seven days, CDRI scientist Ritu Trivedi told Nature magazine.

Both the extracts have the potential to offer an alternative treatment to bone loss during osteoporosis, which is a 'porous bone' condition. This happens when bones lose proteins and minerals, especially calcium, excessively and sets in women after menopause—a state when their ovaries stop producing the hormone estrogen.



Right now medical practitioners suggest human parathyroid hormone (PTH), which is an 'anabolic' substance to treat bone fractures. The hormone helps cells build bone tissue. But PTH is costly, and has the potential to cause bone cancer.

---

[health.economicstimes.indiatimes.com/news/industry/herbal-extracts-holds-promise-to-heal-women-bone-fractures-in-7-days-flat-/52725353](http://health.economicstimes.indiatimes.com/news/industry/herbal-extracts-holds-promise-to-heal-women-bone-fractures-in-7-days-flat-/52725353)

Paul John | TNN | 13 June

## **Herbal extracts holds promise to heal women bone fractures in 7 days, say experts**

---

Natural extracts from the leaves of Dalbergia sissoo or the Indian rosewood tree (also called the shesham), and Ulmus wallichiana or the Himalayan elm, have the potential to treat bone loss in women soon after menopause and also heal fractures quite efficiently. The nutraceutical extracts were under tests at central drug research institute (CDRI), Lucknow and now the technology has been transferred to a Petlad based herbal pharmaceutical manufacturing company in Anand district to manufacture it as a herbal drug.

The herbal extracts have the ability to reduce the healing time for bone fractures from 21 days to seven days, CDRI scientist Ritu Trivedi told Nature magazine.

Both the extracts have the potential to offer an alternative treatment to bone loss during osteoporosis, which is a 'porous bone' condition. This happens when bones lose proteins and minerals, especially calcium, in excessive quantities. It sets in women after menopause—a state when their ovaries stop producing the hormone estrogen.

Till date, medical practitioners suggest human parathyroid hormone (PTH), which is an 'anabolic' substance to treat bone fractures. The hormone helps cells build bone tissue. But PTH is costly, and has the potential to cause bone cancer.

[timesofindia.indiatimes.com/life-style/health-fitness/health-news/Herbal-extracts-holds-promise-to-heal-women-bone-fractures-in-7-days-say-experts/articleshow/52724434.cms](http://timesofindia.indiatimes.com/life-style/health-fitness/health-news/Herbal-extracts-holds-promise-to-heal-women-bone-fractures-in-7-days-say-experts/articleshow/52724434.cms)

---

Paul John | TNN | Jun 13, 2016

## Mysore research team to study turmeric plans

---

The Central Food Technological Research Institute (CFTRI), Mysore will send a team of experts to study the feasibility of setting up a training centre and turmeric processing plant in Kandhamal district.

“We would like to send a team of experts/scientists of CFTRI to Kandhamal to assess the requirements/current conditions in Kandhamal and prepare a detailed project report,” CFTRI Director Ram Rajasekharan wrote to the MSME Department.

Rajasekharan’s reply was in response to the State Government’s request for establishing a research institute and turmeric-based industry in Kandhamal.

“On the basis of the findings of our team, we can initially set up a training centre and a small scale pilot plant to help turmeric growers. In due course, we can explore the possibility of a full-fledged resource centre,” the CFTRI Director said.

CFTRI has been mandated to ensure that technical know-how reaches people, especially the farming community. The MSME Department is giving a push to the proposal following a tweet in the twitter account of Chief Minister Naveen Patnaik requesting for a research institute and an industry-based on turmeric.

“Sir, Please plan for a research institute & an industry based on turmeric at #Kandhamal,” the tweet said. Kandhamal has 38 turmeric-based units and another 76 such units are in the pipeline.

---

[www.newindianexpress.com/states/odisha/Mysore-research-team-to-study-turmeric-plans/2016/06/14/article3481053.ece](http://www.newindianexpress.com/states/odisha/Mysore-research-team-to-study-turmeric-plans/2016/06/14/article3481053.ece)

13 June, 2016