

Akums Drugs and Pharma secures patent for new drug to manage sickle cell disease

Akums Drugs and Pharmaceuticals has secured a patent for a room-temperature stable Oral Suspension of Hydroxyurea, helping with Sickle Cell Disease management without the need for refrigeration.



Akums Drugs and Pharmaceuticals has been granted a patent for a room-temperature stable Oral Suspension of Hydroxyurea.

Delhi-based pharmaceutical company Akums Drugs and Pharmaceuticals on Friday announced that it has been granted a patent for a room-temperature stable Oral Suspension of Hydroxyurea, designed to help manage Sickle Cell Disease (SCD).

This new formulation is a breakthrough as it does not require refrigeration, unlike traditional Hydroxyurea solutions (500 mg), making it easier to store and distribute, especially in areas with [limited access to cold storage](#), such as tribal regions in India.

Sickle Cell Disease is a [genetic blood disorder](#) that causes severe health issues like anemia and frequent pain episodes, affecting millions globally, especially in India and Africa.

According to the 2011 Census, 8.6% of India's population belongs to tribal communities, many of whom are disproportionately affected by SCD.

Sanjeev Jain, Managing Director of Akums, said that the patented formula will greatly benefit sickle cell patients in India and Africa. He stressed the company's commitment to affordable healthcare solutions and reducing dependency on imported medicines.



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"Our constant endeavour is to work on affordable medicines for Orphan Drugs and reduce dependency on imported medicines ensuring patient safety from rare diseases with timely and necessary treatment," Sanjeev Jain.

The new [Hydroxyurea suspension](#) offers flexible dosing based on body weight, making it particularly beneficial for children and teenagers.

Moreover, it will be available at a fraction of the cost of imported alternatives.

MORE ABOUT SICKLE CELL DISEASE

In sickle cell disease, a person's red blood cells become "sickle" in shape because of a genetic condition. Because of this, the blood cells cannot bend or easily flow throughout the body.

For treatment, doctors prescribe medications and other treatment options, which are lifelong, to manage the symptoms. Most treatment options include pain relief drugs, blood transfusions to treat anemia and prevent stroke, hydroxyurea and sometimes, bone marrow or stem cell transplants.

News Source:

<https://www.indiatoday.in/health/story/akums-drugs-and-pharma-secures-patent-for-new-sickle-cell-disease-treatment-hydroxyurea-2599310-2024-09-13>