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From: **Troikaa Pharmaceuticals Ltd.**

Date: Wed, May 20, 2015 at 12:48 PM

Subject: Fwd: Press Release - Troikaa's Dynapar QPS bags National Award

Kind Attn : Dr. Appaji

Dear sir,

Greetings from Troikaa Pharmaceuticals Ltd.

We feel pleasure to inform that Technology Development Board, Ministry of Science & Technology Govt of India recently conferred National Award to Troikaa's path breaking innovation i.e. ***Dynapar QPS*** for successful commercialization of indigenous technology.

We are pleased to forward below detailed Press Release along with other relevant information in this context. You may like to share this news with members.

We shall be please to furnish additional information on hearing from you.

Thanking You

With Best Regards,

RAJNEESH MITRA

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Press Release

Troikaa's Dynapar QPS bags National Award

Troikaa Pharmaceuticals Limited, an Ahmedabad based pharmaceuticals company bagged the National Award from Technology Development Board, Dept of Science & Technology, Govt of India for successful commercialization of indigenous technology. The award was given to Troikaa's Novel Technology for topical drug delivery which is commercialized under the brand name ***Dynapar QPS*** which provides Quick and Comprehensive Penetration of the drug through the skin and has brought the paradigm shift in the in the musculoskeletal pain segment.

This novel formulation is a game changer in treating pain in conditions such as osteoarthritis, rheumatoid arthritis, back pain, pain due to repetitive injury, sprains, sports injuries etc. & provides significantly enhanced pain relief as compared to any of the topical pain gels/ creams/ liniments on the market. Superior efficacy of ***Dynapar QPS*** enables doctors to substantially reduce the dose of oral NSAIDs thereby sparing the patients from their harmful effects on kidneys, liver and cardiovascular system.

The Award which includes monetary prize of Rs. 10 Lakhs, was conferred upon Troikaa's **Mr Ketan R Patel** and was presented by **Dr. Harsh Vardhan, Hon'ble Union Minister** of Science & Technology & Earth Sciences, Government of India on the occasion of Technology Day Celebration in Delhi.

In past, Troikaa's another path breaking innovation ***Dynapar AQ*** (Diclofenac Injection 75mg / 1 ml) was also given National Award by Department of Scientific and Industrial Research, Govt of India. This injection is the largest selling brand in India having eclipsed an MNC brand and is patented in 99 countries.

Troikaa Pharmaceuticals Ltd, India, is a global pharmaceutical company engaged *inter alia* in research and development, production, marketing, sales and export of proprietary pharmaceuticals formulations. Company is headed by **Mr. Ketan R Patel**, who is an innovator, entrepreneur and pharmacist. For his excellence in the academic area, he has received gold medals both at the graduate and post graduate levels.

Links

1. Video Clip of Award function – Mr. Ketan Patel receiving award - <https://www.youtube.com/watch?v=Wn0HZ3Csnds>
2. Copy of Press Release issued by Ministry of Science & Technology - <http://pib.nic.in/newsite/PrintRelease.aspx?relid=121547>

Attachments –

1. Officials brochure released by Technology Development Board, Govt of India on the occasion of Technology Day celebration.
2. Photographs of the event.
3. Product brochure of ***Dynapar QPS***







प्रौद्योगिकी दिवस TECHNOLOGY DAY

पुरस्कार AWARDS 2015



प्रौद्योगिकी विकास बोर्ड
Technology Development Board

TECHNOLOGY DAY AWARDS

In order to forge powerful partnerships with the National Laboratories, to create knowledge networks with academic institutions and to gain entry into global market, the Technology Development Board instituted a "National Award" for successful commercialization of indigenous technology by an industrial concern in 1999. The National Award of Rs. 10 lakh each is given to the industrial concern that has successfully commercialized the indigenous technology and the developer / provider of such technology.

NATIONAL AWARD - 2015

For the successful commercialization of indigenous technology

M/s Trolkaa Pharmaceuticals Limited
Ahmedabad, Gujarat

For indigenous development of novel technology for topical drug delivery and its commercialization under the Brand name Dynapar QPS.

Dynapar QPS is Non Aqueous Formulation of Topical Diclofenac, based on the Novel Drug Delivery Platform - QPS (Quick Penetrating Solution), providing unique therapeutic advantages. QPS enables higher penetration through skin achieving higher concentration of Diclofenac in the inflamed tissues with extremely low plasma concentration. Dynapar QPS acts as a targeted drug delivery to the affected site and reduces the need of oral analgesics thus avoiding damage to vital organs like kidney and stomach, providing superior pharmaco-economic therapy for musculoskeletal and joint disorders.



AWARD to SSI Unit - 2015

Award to SSI Unit for the successful commercialization of a technology based product:

None of the entries found suitable

DYNAPAR QPS | DYNAPAR QPS PLUS

Dynapar QPS Ensures

- Faster onset & better quality of Pain relief
- Lesser pain on movement
- Better functional improvement

* Randomized Multi-centric Open Label Clinical Trial in 230 Patients at 5 Centers across India.



QUICK...Powerful...Safe...

L. krokin
Imagine - Innovate
Corporate Office - 1, Sagar Marg, Bandra, Mumbai-400 054.

Spektra
Pharmaceuticals Pvt. Ltd.
Corporate Office - 1, Sagar Marg, Bandra, Mumbai-400 054.

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Every Innovation



Is a result of years of
Research & Development

L. krokin
innovation

Originally Researched and Globally Patented

DYNAPAR QPS

A Quick Penetrating Topical Pain Reliever

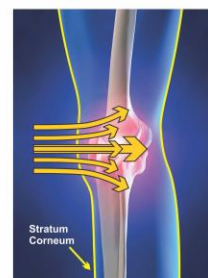


QPS (Quick Penetrating solution) is a novel patented drug delivery platform which penetrates the barrier of the skin and results in excellent pain relief upon application to the site of pain

Conventional Gels / Aerosols



Dynapar QPS



Clinically proven significantly superior to conventional gels and aerosol sprays*

*Randomized Multi-centric Open Label Clinical Trial in 230 Patients at 5 Centers across India.