Innovative medical device offers hope for lymphedema patients

TWO CELEBRITY WOMAN SURGEONS INVENTED THE DEVICE

MV Syam Sundar

Two visionary surgeons, Dr. Sumita Shankar, a plastic and reconstructive surgeon and Dr Kruthi Nanduri, an oral and maxillofacial surgeon have co-invented a groundbreaking medical device that could significantly benefit patients suffering from filarial lymphedema, a condition often referred to as "elephant leg" which is particularly prevalent in the Godavari districts.

Lymphedema is a chronic condition causing swelling from a buildup of lymph fluid in the body's tissues, most commonly in the arms or legs. It occurs when the lymphatic system—responsible for draining this fluid—is damaged or blocked. While it can't be cured, early treatment can help relieve symptoms and improve daily function.

Their invention, the 'Limb Decongestion Sleeve Using Negative Pressure,' was recently awarded a patent by the Government of India. The design is protected under Designs Act, 2000, for ten years with the possibility of extension up to 15 years. This protection grants exclusive rights to the inventors to further develop and commercialise the device.

The device is a non-invasive, user-friendly, and cost-effective solution designed to address chronic limb swelling by using a gentle negative pressure mechanism. This technology helps to draw out excess fluid, reduce congestion, and restore healthy blood and lymphatic circulation.

Dr. Kruti Nanduri

"Our goal was to create a device that not only alleviates physical discomfort but also improves the quality of life for patients, particularly in low-resource settings," said Dr. Sumita Shankar. She explained that the device offers a new approach to treating swelling in limbs, venous congestion, and even complex wounds.

This isn't the first time these two doctors have teamed up for a cause. Driven by a shared commitment to public service, they previously partnered with a local non-profit in Guntur to perform free cleft lip and palate surgeries for underprivileged children. This congenital deformity can impact a child's speech and lead to social stigma, but through their teamwork, many children have benefited from these life-changing operations.

"It is deeply rewarding to support underprivileged patients in accessing high-quality medical care. Empowering those children to overcome their social stigma and lead the best version of their lives is extremely fulfilling," said Dr Nanduri. She had previously partnered with an American non-profit organisation 'Reconstruct Together' for providing free cleft lip and palate surgeries for underprivileged children in remote parts of Karnataka.

Two trailblazing surgeons, Dr. Sumita Shankar and Dr. Kruthi Nanduri, have co-invented a patented medical device to aid patients suffering from lymphedema. Their innovative "Limb Decongestion Sleeve Using Negative Pressure" offers a non-invasive, affordable solution to chronic limb swelling. The duo, known for their compassionate public service, continue to combine medical expertise with social impact

Meet the Inventors

Dr. Kruthi Nanduri is an accomplished Oral and Maxillofacial Surgeon with a fellowship in Facial Plastic Surgery from England. With over a decade of surgical experience, she previously served as a civil assistant surgeon at Government General Hospital in Guntur. She is currently the Managing Director of Invictus Biocare Pvt. Ltd., a Guntur-based pharmaceutical company she founded to provide affordable, holistic wellness products. Her company's offerings, which include products to enhance post-operative recovery and strengthen immunity, reflect her deep understanding of patient needs beyond the operating room.

Dr. Sumita Shankar is a distinguished Plastic Surgeon and Professor and Head of the Department of Plastic Surgery at Government General Hospital in Guntur. Her extensive academic and surgical expertise not only shapes the next generation of surgeons but also significantly advances reconstructive surgery in India.

Anuradha, Mohan Silaparasetty, R Ravi Kumar, Kk Maheshwari, Srinivas Garimella, Dr Tasneem Shariff at the opening of the workshop on AI for women at FTCCI

AI for Women: FTCCI hosts power-packed workshop in Hyderabad

The Ladies Wing Committee of FTCCI organised a day-long workshop on Artificial Intelligence for Women, drawing over 200 participants eager to explore how AI can transform careers, businesses, and everyday life.

The Federation of Telangana Chambers of Commerce and Industry (FTCCI), Red Hills, Hyderabad, witnessed an overwhelming response on Friday as women professionals, entrepreneurs, and aspiring founders gathered for a full-day workshop on Artificial Intelligence (AI). Registrations had to be closed in advance due to high demand, reflecting the growing interest in AI literacy among women.

Welcoming participants, FTCCI President R. Ravi Kumar lightheartedly remarked, "Women are intelligent naturally. Why do you want to learn Artificial Intelligence? And that too from men?" He stressed FTCCI's commitment to gender equality, noting that "AI is no longer optional. The future belongs to Women in AI." Dr. Tasneem Shariff, Chairperson of the Ladies Wing and Women Empowerment Committee, highlighted the historical role of women in technology—from Ada Lovelace to Grace Hopper—while underlining the need for greater representation in leadership and innovation today.

R Ravi Kumar president of FTCCI seen delivering the opening remarks at the opening of the workshop on ai for women. Also seen are the 200 plus participants

Keynote speaker Ms. Anuradha A, Executive Partner at IBM, drew inspiration from Garry Kasparov's collaboration with IBM's Deep Blue. She encouraged participants to see AI as an "amplifier, not an enemy," stressing that success lies in human–AI collaboration. She emphasized that AI adoption can boost efficiency, quality, and creativity across industries.

The sessions featured hands-on demos, case studies, and insights into GenAI and agentic AI applications led by Mr. Mohan Silaparasetty, Founder of Trendwise Analytics. The discussions reinforced how AI can empower women in career growth, entrepreneurship, leadership, and daily life management.

The day concluded with Mr. KK Maheshwari, Sr Vice President of FTCCI, proposing a vote of thanks. Participants left AI-ready—equipped with toolkits, insights, and networks for the future.

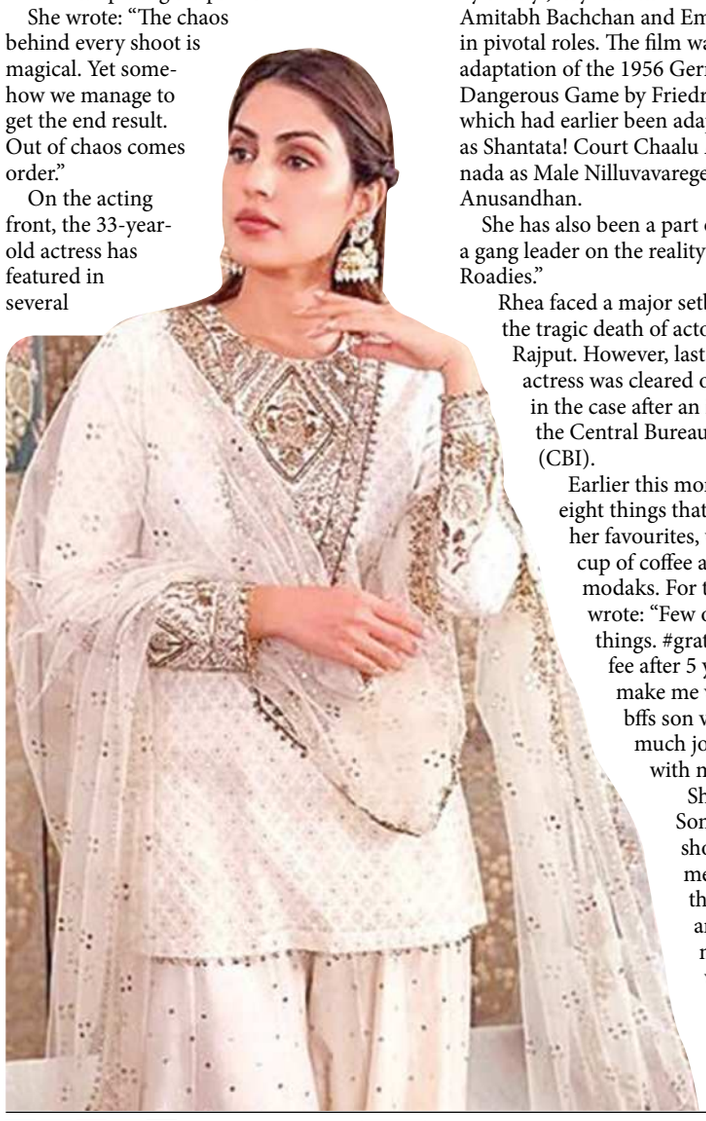
Rhea Chakraborty finds 'chaos' behind shoots 'magical'

Actress Rhea Chakraborty shared a sneak-peek into the behind-the-scenes world of shooting and tagged the experience as both chaotic and magical.

Taking to Instagram, Rhea shared some BTS moments. In the string of videos and photos, the actress was seen in different outfits and posing for pictures.

She wrote: "The chaos behind every shoot is magical. Yet somehow we manage to get the end result. Out of chaos comes order."

On the acting front, the 33-year-old actress has featured in several films such as 'Sonali Cable,' 'Bank Chor,' 'Half Girlfriend,' 'Dobaara: See Your Evil,' and 'Jalebi.' In 2024, she made a significant impact with her new ventures, including a podcast and her fashion label.



She was last seen on the big screen in "Chehre" (2021), a mystery thriller directed by Rumy Jafry. The movie also featured Amitabh Bachchan and Emraan Hashmi in pivotal roles. The film was an uncredited adaptation of the 1956 German novel A Dangerous Game by Friedrich Dürrenmatt, which had earlier been adapted in Marathi as Shantata! Court Chaalu Aahe, in Kannada as Male Nilluvavarege and in Bengali as Anusandhan.

She has also been a part of television as a gang leader on the reality show "MTV Roadies."

Rhea faced a major setback following the tragic death of actor Sushant Singh Rajput. However, last month, the actress was cleared of any involvement in the case after an investigation by the Central Bureau of Investigation (CBI).

Earlier this month, she listed out eight things that she stated are her favourites, which included a cup of coffee after five years and modaks. For the caption, she wrote: "Few of my favourite things. #grateful 1. Cup of coffee after 5 years. 2. Modaks make me very happy. 3. My bffs son veer brings me so much joy. 4. Love hanging with my homegirls."

She added: "5. Sometimes those abs show (rarity). 6. Tell me a food better than paneer paratha and I'll change my name. 7. Selfies while working out 8. Dancing backstage before going up is a stress buster."

OF STYLE AND LUXURY

The Colosseum's monthly edition of Curated Corridors gave visitors a glimpse of high fashion, superior craftsmanship and superb design

Aruna Chandaraju

Walking through the rooms and corridors of The Colosseum with its very elegant and immaculate interiors, is an experience to cherish in itself besides of course, the thrill of shopping for world-renowned brands from around the world and Indian designer goods. The Colosseum in Hyderabad is India's largest luxury home-interiors destination. This multistoryed complex is The place to visit in Hyderabad for those looking for world-class luxurious interiors and superior accessories: hence a must-visit for style-conscious HNIs, design enthusiasts, architects, and simply those who like to indulge in and celebrate the good life.

We were at the latest edition of Curated Corridors, a regular event presented by The Colosseum. The highlight was a Wardrobe Styling workshop by Darshana Tulshan where she shared her knowledge of how perfect wardrobe styling was an important element of luxury lifestyles. As she said to us: "I am delighted to share my insights with the visitors and many expressed that they gained interesting insights. The Colosseum allows our guests to see wardrobes not just as functional units, but as curated spaces that reflect who they are"

Another major draw for visitors was the Personal Styling workshop by Divisha Khaitan, founder of Cheese & Chase. "This is a wonderful opportunity and I love to see how my knowledge and tips help to enhance the appearance of people. It was a privilege to lead a workshop in a space of this kind that celebrates individuality and design at such scale. The Colosseum itself embodies style and storytelling in every corner."

Akshay Tulshan, Director, The Colosseum said: "I;m delighted to see so many connoisseurs here. The Colosseum is not just a store; it is a canvas for luxury experiences. As for our regular event, Curated Corridors, it has been about constantly pushing boundaries. We want to show that luxury is not confined to furniture and interiors but extends into every facet of life. With our luxury wardrobes, paired with styling workshops and curated pop-ups, we are bringing together all elements that define contemporary living." These sentiments were echoed by Darshana, Managing Director, The Colosseum.

Also on show were curated pop-ups by Hypekicks (luxury sneakers and accessories by Rishi), Sheetal Zaveri by Vithaldas (bespoke jewellery by Sheetal Zaveri) and Design Era Pop Up (in collaboration with The Designera). The event brought expressive pop art to The Colosseum with impressive works by over 150 emerging Indian and global artists, including pieces from their Privé collection.

As for Rishi, Founder, Hypekicks, he told visitors: "At Hypekicks, our focus has always been on exclusive sneakers, belts, bags, and accessories that stand out as luxury statements. Our popup allowed guests to explore luxury streetwear alongside timeless interiors—a powerful combination."

Designer Sheetal Zaveri revealed: "At Sheetal Zaveri by Vithaldas, we believe jewellery isn't merely an accessory—it reflects much more value as it carries heritage, craftsmanship, and personality. Our sterling silver pieces, with their timeless motifs and contemporary finishes, are handcrafted by Hyderabadi craftspersons, so every item tells its own story."

Riya, the Co-founder, Love From Home told us that her brand is rooted in the heritage of Jaipur, where every piece of jewellery is handcrafted painstakingly and lovingly by craftsperson's. She exclaimed: "Presenting our collection at The Colosseum allowed us to connect with women who truly appreciate artistry as part of their lifestyle. The response was amazing and highly encouraging."

Indeed, Curated Corridors, the monthly experiential event of The Colosseum, is an event to look forward to. It is more than an event; it offers an immersive experience and makes the store a cultural hub. The Colosseum stands at the intersection of superior design, fashion and craftsmanship. So, if you appreciate luxury and artistry, you know where to head to in Hyderabad.