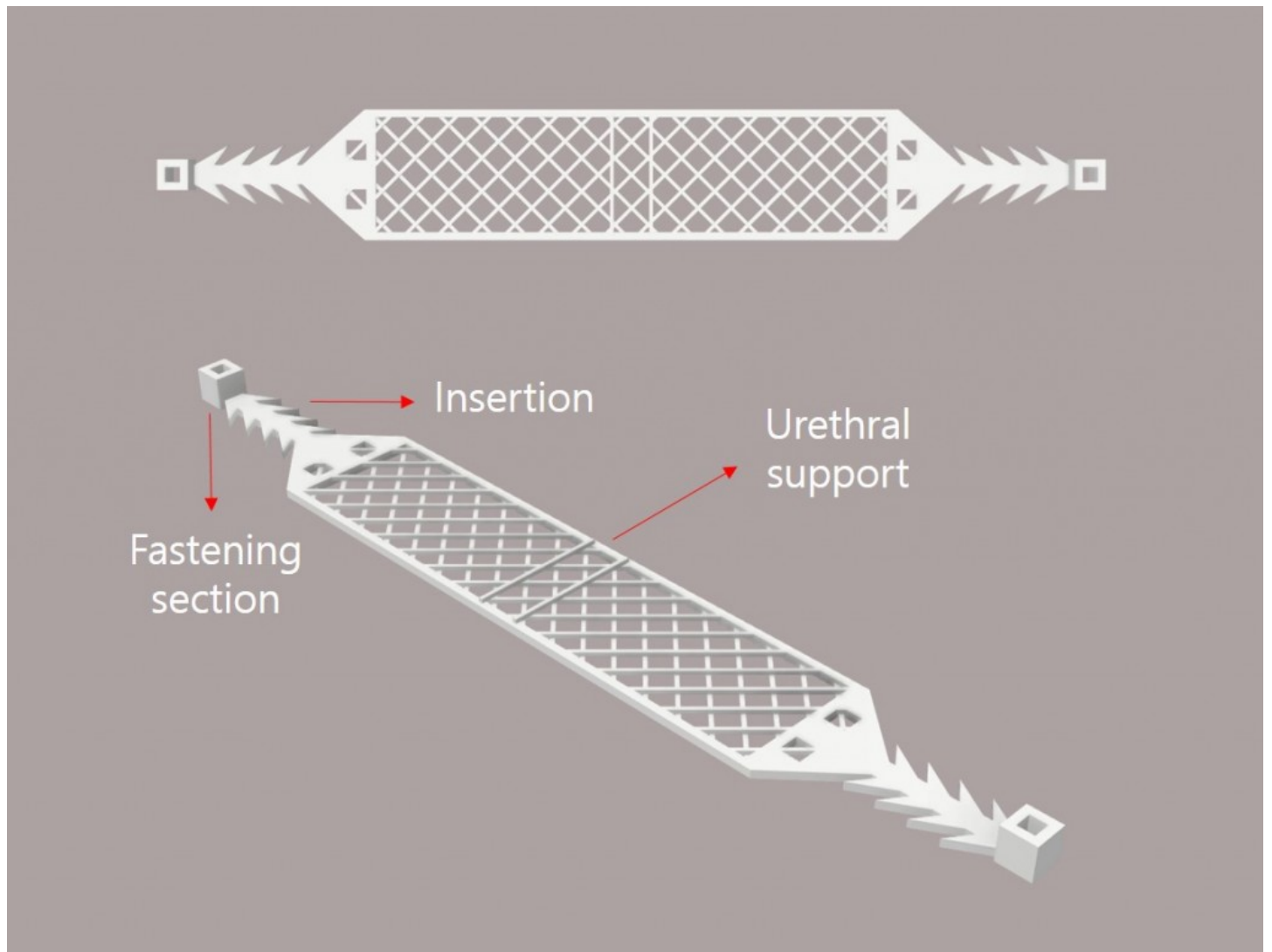


PLCOskin Ready to Launch TissueDerm BIO-TOT: A Patient-Friendly Solution for Urinary Incontinence

Innovative Biodegradable Polymer Mesh Designed to Enhance Patient Quality of Life



Seoul, South Korea Aug 22, 2024 ([Issuewire.com](https://www.Issuewire.com)) - **Company Name:** PLCOskin Co., Ltd.

Product Name: TissueDerm BIO-TOT

Expected Launch Date: May 1, 2025

Product Overview

PLCOskin Co., Ltd. is set to revolutionize the treatment of urinary incontinence with the upcoming launch of **TissueDerm BIO-TOT** on May 1, 2025, following its certification on April 1, 2024. This advanced product is an absorbent polymer mesh manufactured using cutting-edge 3D printing technology, specifically designed to treat urinary incontinence by functioning as a long, band-shaped sling that raises or supports the urethra with tension.

Urinary incontinence affects approximately 400 million people globally, accounting for 4-8% of the

world's population, making it one of the most prevalent medical conditions. Particularly affecting 35-45% of adult women, untreated incontinence can severely impact social life, hygiene, and mental health. TissueDerm BIO-TOT aims to reduce complications and significantly improve the quality of life for patients by utilizing biocompatible, medical-grade biodegradable polymers.

Key Features of TissueDerm BIO-TOT

Biodegradability and Biocompatibility:

TissueDerm BIO-TOT stands out for its innovative approach in treating urinary incontinence, combining biodegradability with biocompatibility. The use of biodegradable materials in the sling allows it to be absorbed by the body within 2 to 3 years, eliminating the risk of adhesion and other complications associated with non-degradable implants. This biocompatible design ensures that the sling does not remain as a foreign object in the body, thereby reducing the need for follow-up surgeries due to long-term complications.

Chemical-Free Safety:

TissueDerm BIO-TOT is manufactured without chemical treatments, meaning there are no residual toxins from organic solvents or other chemicals that could pose risks to the patient. Additionally, the absence of strongly acidic degradation byproducts prevents the occurrence of secondary inflammation, making the product safer for long-term use.

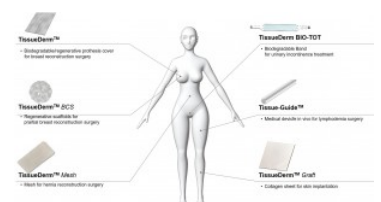
A Safer Alternative to Existing Treatments:

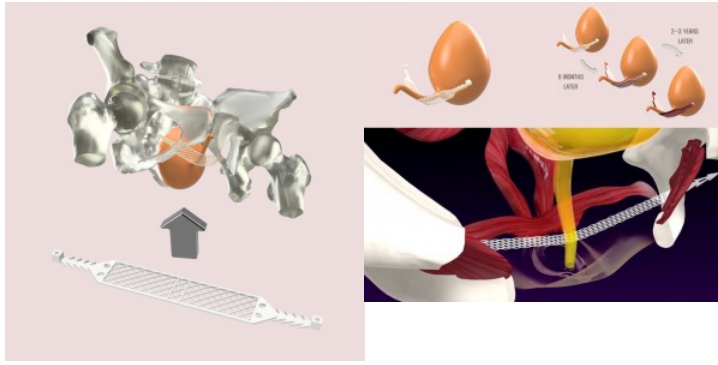
In contrast to other urinary incontinence treatment products that do not use biodegradable or biocompatible materials, TissueDerm BIO-TOT presents a safer and more effective alternative. Its design closely resembles existing non-degradable slings, allowing for the use of established surgical techniques without the need for additional training. This facilitates a seamless transition to a safer, more effective treatment option for both patients and surgeons.

About PLCOsSkin Co., Ltd.

PLCOskin Co., Ltd. is dedicated to improving the quality of life by developing the best technology obtained through persistent research for humanity.

We aim to directly help improve lives with our innovative solutions. We strive to be a pragmatic company that enhances human life through regenerative medicine technology, providing tangible and impactful experiences that can be felt directly on our skin. With our leading platform technology and products, PLCOsSkin Co., Ltd. is committed to fulfilling our mission as a leader in the bio and medical regenerative industry.





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