

## Peijia Medical collaborates with dsm-firmenich to create groundbreaking innovative medical device products

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### To design and develop new high-end medical device products



Peijia Medical Technology (Suzhou) Co. recently held a strategic innovation cooperation signing ceremony and a press conference to announce the research and development achievements of polymer heart valves using ultra-high molecular weight polyethylene (UHMWPE) and thermoplastic polyurethane (TPU) from the Biomedical business of dsm-firmenich, innovators in nutrition, health, and beauty, at Peijia Medical's global headquarters.

The signing of the strategic innovation partnership agreement between the two parties will further focus on the research and development innovation of polymer heart valve materials, which is expected to initiate an epoch-making transformation in the field of high-end medical device materials worldwide.

In this collaboration, Peijia Medical and Biomedical have joined forces to achieve a new breakthrough in the research and development of ultra-high molecular weight polyethylene (UHMWPE) and thermoplastic polyurethane (TPU) heart valve materials. According to the agreement, the two parties will establish a long-term, stable, and mutually beneficial strategic innovation partnership.

Using dsm-firmenich biomaterials, the respective R&D teams will collaborate on the design and development of new high-end medical device products, the optimisation of key raw material properties, the research and development of new materials, as well as the development and application of advanced manufacturing processes and technologies, all based on UHMWPE materials.