

Medical Grade Collagen Components & Devices



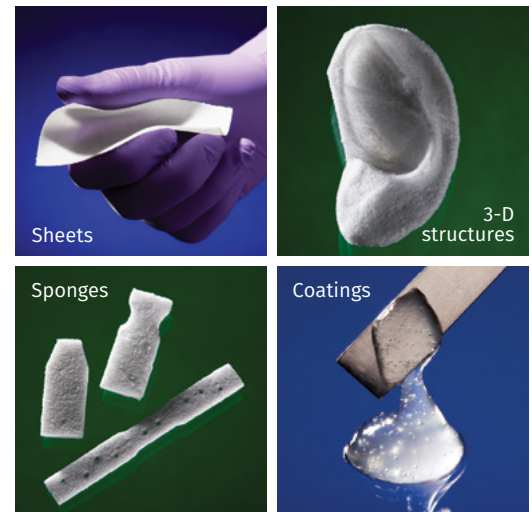
A best-in-class medical grade collagen platform, trusted for its safety, performance, and ability to enhance your medical device offerings.

DSM's platform of custom medical-grade collagen solutions has long set the standard for safety, versatility, and performance. That leadership is the result of a robust quality system, material science expertise, unique processing and handling capabilities, and a customer-centric, market-driven approach to partnership.

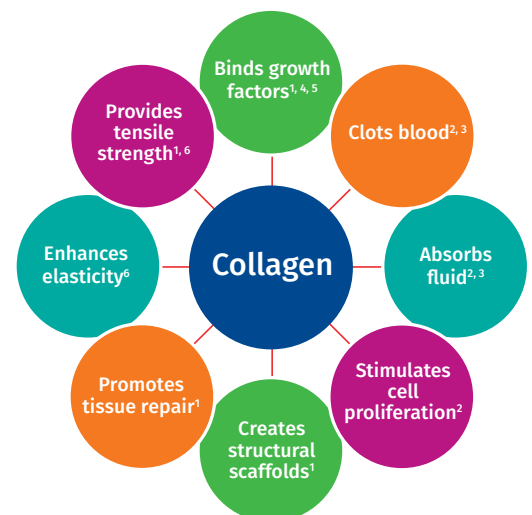
Reasons to believe in DSM's Collagen

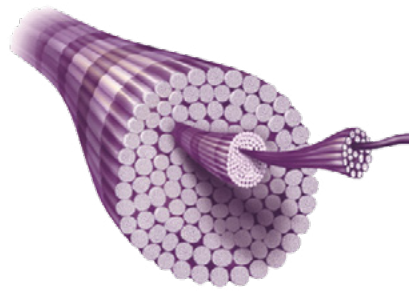
- Implanted in 40+ million patients worldwide
- Tissue repair, cell proliferation and hemostatic properties
- Customizable architecture, resorption time and mechanical properties
- Proven applications in cardiovascular, dental, orthopedics and wound management
- DSM is the chosen partner for the top 5 medical device companies
- DSM Biomedical is MDSAP certified (Quality and Regulatory systems and procedures are compliant with medical device regulations in Australia, Brazil, Canada, the United States, and Japan)

Collagen Applications



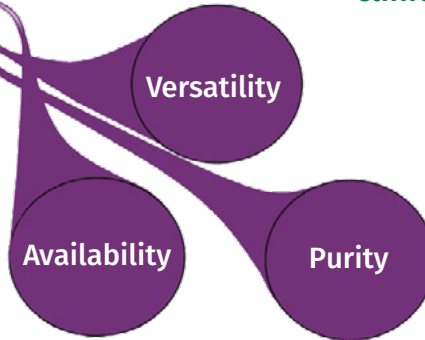
Collagen Functions





DSM tailors device architecture, resorption time and mechanical properties for your desired clinical application.

Benefit from animal source traceability, on-time supply, and access to other DSM materials, products, and services.



Rely on medical grade type 1/3 bovine collagen.⁷

1 Gelse, K et al. "Collagens- structure, function, and biosynthesis". (2003). Adv. Drug Delivery Reviews. Vol 55, Issue 12.

2 Khan, R et al. "Use of collagen as a biomaterial: An update". (2013). Journal of Ind. Soc. Of Periodontology. Vol 17, Issue 4.

3 Tomizawa, Y. "Clinical benefits and risk analysis of topical hemostats: a review." (2005). J Artif. Organs. 8:137-142.

4 Ikeuchi M, et al. "Recombinant human bone morphogenetic protein-2 promotes osteogenesis within a telopeptide type I collagen solution by combination with rat cultured marrow cells." (2002) J Biomed Mater Res. 60(1):61-69.

5 "Introduction III Biosynthesis." Collagen - Volume I: Biochemistry. Marcel E. Nimni, CRC Press. (2018), pp. 7-8.

6 "IV. Mechanical Role of Connective Tissue." Collagen: Volume II: Biochemistry and Biomechanics. Marcel E. Nimni, CRC Press. (2018) pp. 14-20.

7 Data on file at DSM Biomedical Inc.

Product Disclaimer

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