

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 customercentric, market-driven approach to partnership.

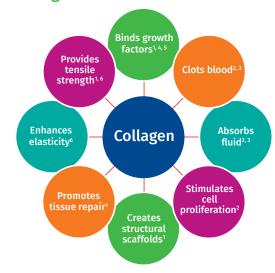
Reasons to believe in DSM's Collagen

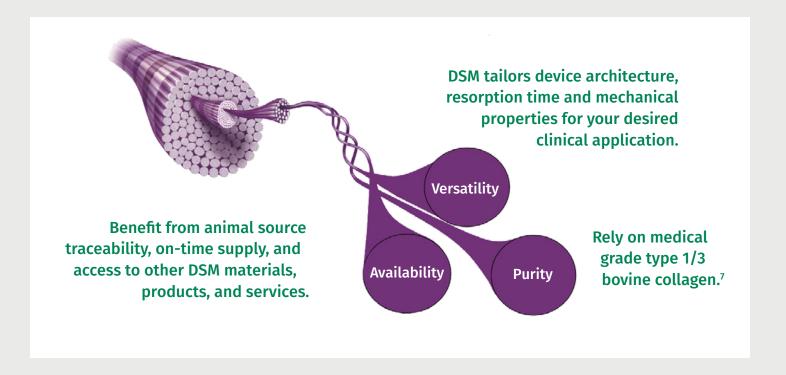
- Implanted in 40+ million patients worldwide
 Tissue repair, cell proliferation and hemostatic properties
- Customizable architecture, resorption time and mechanical properties
- Proven applications in cardiovascular, dental, orthopedics and wound management
- DSM is the chosen partner for well established 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





- 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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