

COLLAGEN IN MOTION

MOVE FREELY AND EFFICIENTLY WITH PEPTAN®

A healthy musculoskeletal system is essential for optimal movement and the body relies on collagen for tissue strength and flexibility.

COLLAGEN IS:

- the body's **most important building block**
- a **key structural protein** that ensures the cohesion, elasticity and regeneration of all our connective tissues such as cartilage, tendons, ligaments and bones.



THE BODY'S ABILITY TO REPLENISH COLLAGEN DECREASES WITH AGE



Joint discomfort



Brittle bones

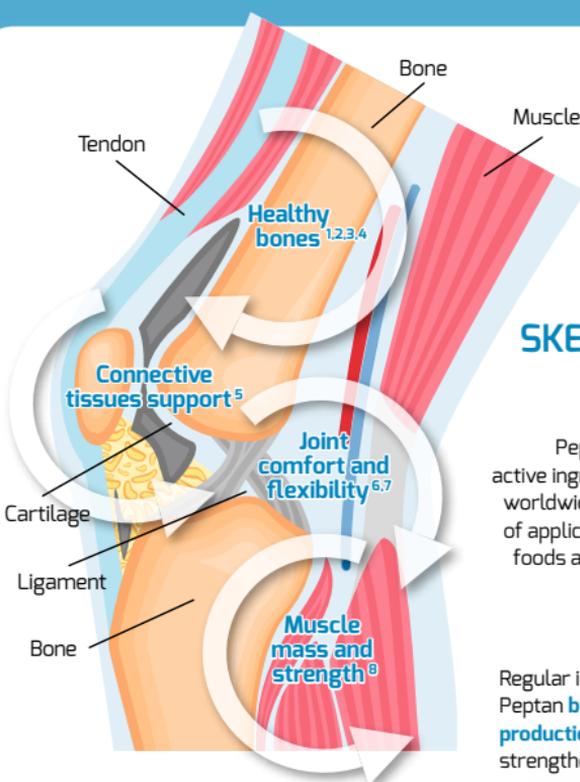


Loss of strength



HIGH INTENSITY SPORTS

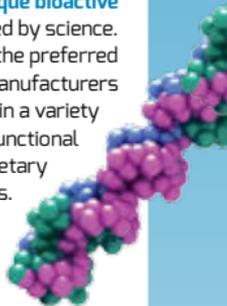
can cause wear and tear to musculoskeletal tissues, such as tendons, ligaments, cartilage, and bones leading to **higher risks of sports injuries**.



PEPTAN® COLLAGEN PEPTIDES: THE SOLUTION TO MUSCULO-SKELETAL HEALTH

Peptan, a **unique bioactive protein** backed by science. Peptan is one of the preferred active ingredients for manufacturers worldwide and is used in a variety of applications, from functional foods and drinks to dietary supplements.

Regular intake of Peptan **boosts collagen production** in the body and thereby strengthens connective tissues.



Select Peptan® and benefit from our commitment to:



science



quality



brand



safety



formulation



innovation

PeptanbyRousselot
 @Peptan_Global
 Collagen Peptides

BENEFIT FROM OUR (CO-) INNOVATION, COMMITMENT & WORLD-CLASS EXPERTISE

With Peptan, you will have a reliable, closely connected partner



Our global leadership in collagen peptides, combined with our worldwide presence and customer-centric culture, enables us to be a closely connected, reliable partner to you as a manufacturer. We can help you with virtually any product requirement or innovation you have in mind.

References

- ¹ Guillerminet, F. et al., 2010, Hydrolyzed collagen improves bone metabolism and biomechanical parameters in ovariectomized mice: An in vitro and in vivo study. *Bone*, 46:827-834
- ² Guillerminet, F. et al., 2012, Hydrolyzed collagen improves bone status and prevents bone loss in ovariectomized C3H/HeN mice. *Osteoporosis International*, 23(7):1909-1919
- ³ Daneault, A. et al., 2014, Hydrolyzed collagen contributes to osteoblast differentiation in vitro and subsequent bone health in vivo. *Osteoarthritis and Cartilage*, 22:S131
- ⁴ Daneault, A. et al., 2015, Biological effect of hydrolyzed collagen on bone metabolism. *Critical Reviews in Food Science and Nutrition*, 10:1040-8398
- ⁵ Shaw, G. et al., 2016, Vitamin C-enriched gelatin supplementation before intermittent activity augments collagen synthesis. *American Journal of Clinical Nutrition*, doi:10.3945/ajcn.116.138594
- ⁶ Jiang, J.X. et al., 2014, Collagen peptides improve knee osteoarthritis in elderly women: A 6-month randomized, double-blind, placebo-controlled study. *Agro Food Industry Hi Tech*, 25:19-23
- ⁷ Dar, Q.A. et al., 2016, Oral hydrolyzed type 1 collagen induces chondroregeneration and inhibits synovial inflammation in murine posttraumatic osteoarthritis. *Osteoarthritis and Cartilage*, 24:S532-S533
- ⁸ Hays, N.P. et al., 2009, Effects of whey and fortified collagen hydrolysate protein supplements on nitrogen balance and body composition in older women. *Journal of the American Dietetic Association*, 109:1082-1087

For further references and more information on the science behind Peptan, please visit Peptan.com

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