

CURAGEN™

Bovine Collagen Wound Dressing

CURAGEN™ is a porous and absorbent collagen wound dressing. It is designed for use in tooth extraction sites and oral surgeries to stop bleeding and reduce post operative pain. Curagen™ wound dressing is made of non-crosslinked bovine Achilles tendon collagen and available in various sizes and configurations.



Available Sizes

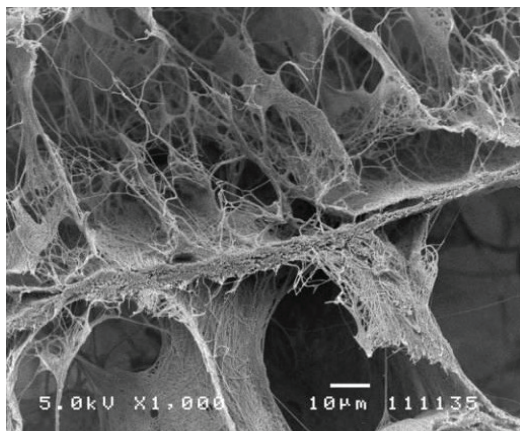
Supplied in a sterile package, with varying configurations including:

- 10 x 20 mm plug
- 15 x 20 mm plug
- 20 x 40 x 3mm sheet

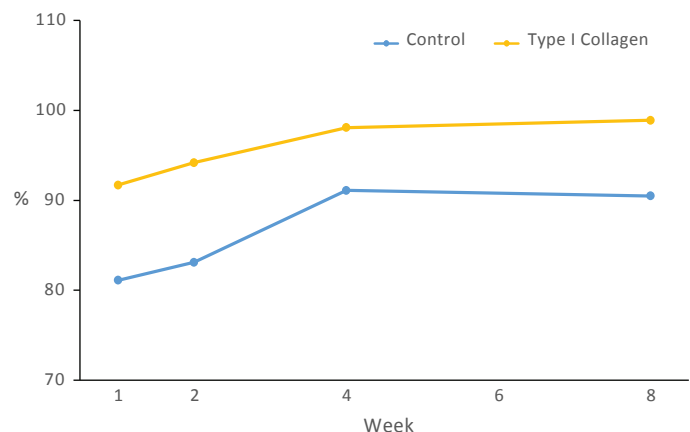
Advantages

- Large collagen pore structure
- 4-week long resorption duration
- Lessen post-surgical pain & duration
- Higher bone mineralization density

Interconnected Pores



High Bone Mineralization

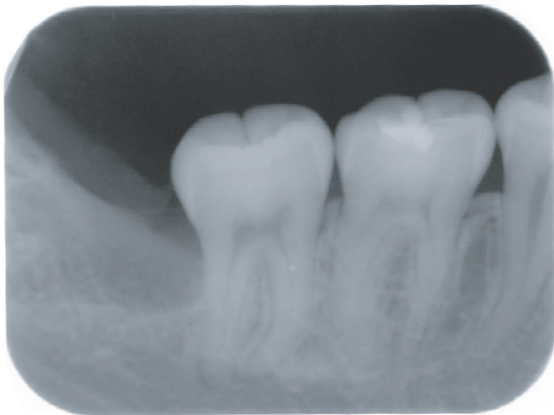


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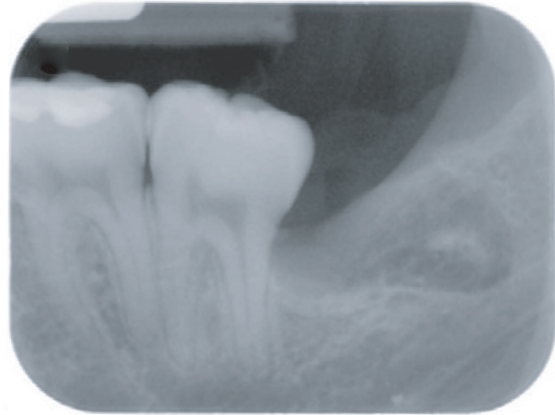
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Evaluation of Post Operative Pain and Bone Mineralization

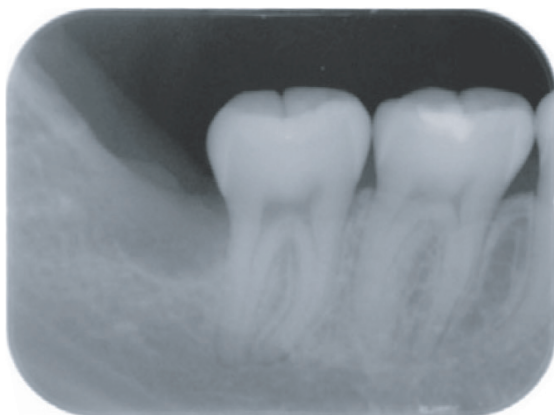
Tsai et al. (2019) conducted a study to evaluate the effects of applying pure type-1 collagen to third molar extraction sockets. The study involved 20 bilateral third molar extractions in 14 patients. One socket was filled with pure type-1 collagen (experimental group), while the other received no treatment (control group). The study found that patients in the experimental group experienced significantly less post-operative pain, shorter pain duration, and less mouth-opening limitation compared to the control group. Additionally, the experimental group showed a 10% higher bone mineralization ratio at the extraction site. The authors concluded that applying pure type-1 collagen to third molar extraction sockets can reduce post-operative complications and promote faster healing, making it an attractive option for dentists and patients alike. *Journal of the Formosan Medical Association, 2019; 118(4), 481-487.*



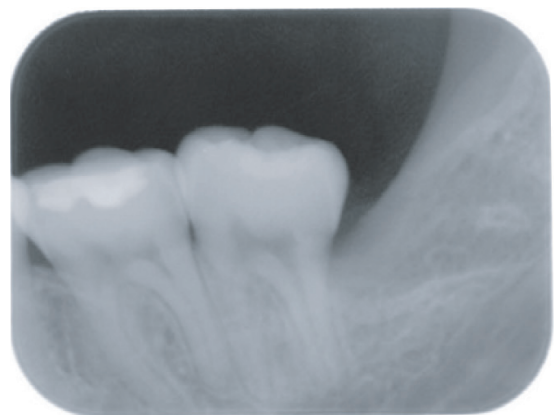
CONTROL POST OP WEEK-1



TYPE-1 COLLAGEN POST OP WEEK-1



CONTROL POST OP WEEK-4



TYPE-1 COLLAGEN POST OP WEEK-4