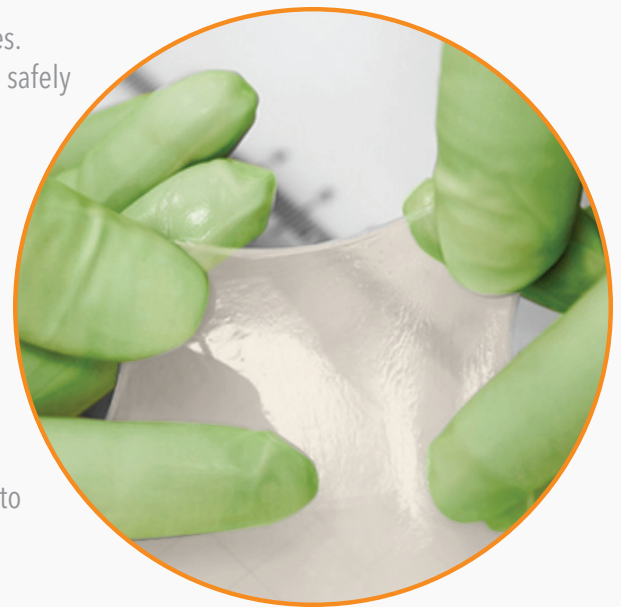


Neomem® Xac is an amnion-chorion membrane composed of an amnion layer and a chorion layer and together they provide a protective barrier that makes it ideal for multiple dental applications. It is minimally manipulated to preserve the placental allograft's properties of being composed of immunoprivileged tissues¹ that possess antibacterial properties and provide a protein enriched matrix.² **Neomem® Xac** is disinfected, cleaned, dehydrated and sterilized after recovery from cesarean section procedures.

FEATURES AND BENEFITS

- **No trimming necessary**
Once in place, the membrane does not need to be trimmed in most cases. **Neomem® Xac's** great adhesion allows it to be folded over itself and can safely touch adjacent tooth, root or implant surfaces.
- **May be placed up or down**
During placement, orientation is not a factor as either side of **Neomem® Xac** can be placed towards the soft tissue or bone.
- **No fixation or pre-hydration necessary**
Due to its great adhesion properties, no sutures or tacks are required to stabilize **Neomem® Xac** in place, it will rapidly rehydrate and adhere to the surgical site.
- **Can be left exposed**
Non-Primary Closure is acceptable, **Neomem® Xac** may be left exposed to the oral environment.³
- **Minimally invasive**
No flap elevation is required, simply tuck **Neomem® Xac** under the gingival margin.



RESORPTION TIME | 8 TO 12 WEEKS

AVAILABILITY | 8X8, 10X20, 12X12, 15X20, 15X25, 20X30 mm

THE SCIENCE OF PLACENTAL ALLOGRAFTS

Placental allografts are composed of immunoprivileged tissues that possess anti-bacterial properties and provide a protein enriched matrix.² The amniotic tissue consists of an inner amnion layer and an outer chorion layer and together these layers provide a protective barrier that encloses and protects the developing fetus through term. This protective feature makes amniotic membranes ideal for homologous use as a barrier in a variety of applications.



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1. Park C, Y, Kohanim S, Zhu L, Gehlbach P, L, Chuck R, S: Immunosuppressive Property of Dried Human Amniotic Membrane. *Ophthalmic Res* 2009;41:112-113. doi: 10.1159/000187629
2. Ashraf H, Font K, Powell C, and Schurr M. Antimicrobial Activity of an Amnion-Chorion Membrane to Oral Microbes. *International Journal of Dentistry*, 2019. 2019: p. 7 (Amnion-chorion membrane (ACM) was proven to be bactericidal as paper discs inoculated with tetracycline at its minimum bactericidal concentration. The ACM bactericidal property may be beneficial in the early wound healing process.)
3. *Clin Adv Periodontics*. 2020 Dec 31. doi: 10.1002/cap.10144. Amnion-Chorion Membrane in Open-Wound Approach for Localized Horizontal Ridge Augmentation: A Case Series Report Shan-Huey Yu et al.

SOCKET PRESERVATION USING NEOMEM® Xac



Following a tooth extraction, fill the socket using bone particulates such as Raptos® Allograft, to prevent bone loss, maintain position of adjacent teeth and allow a healthy bone ridge for future implant support.



To protect your grafting site, place a dry, untrimmed 12 x 12 mm Neomem® Xac (on any side) over your graft using dry forceps. Neomem® Xac will quickly rehydrate and adhere to the surgical site. Then use a wet membrane placement instrument such as our MPI-1 to hydrate the membrane and tuck the edges as needed.



Using a PTFE suture such as Biotex™, suture using a reverse figure eight type technique (from inside the socket to outside) to fold down the edges of the soft tissue to better hold in place the membrane and protect the graft.

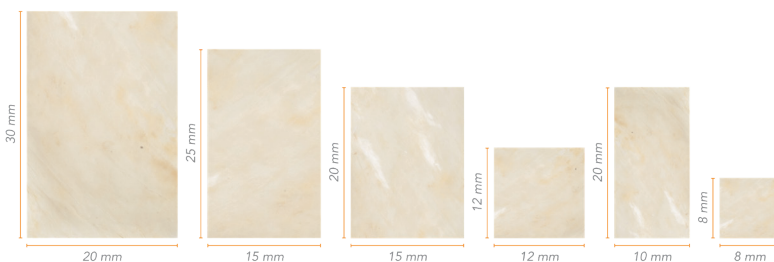
Since PTFE sutures are non resorbable and need to be removed, a longer lasting resorbable monofilament suture, such as Monoglyc™, can be used as an alternative to PTFE sutures.

APPLICATIONS

- GTR & GBR
- Dental Implants
- Socket Preservation
- Sinus Augmentation
- Ridge Augmentation
- Endodontic Applications

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ACTUAL SIZES

