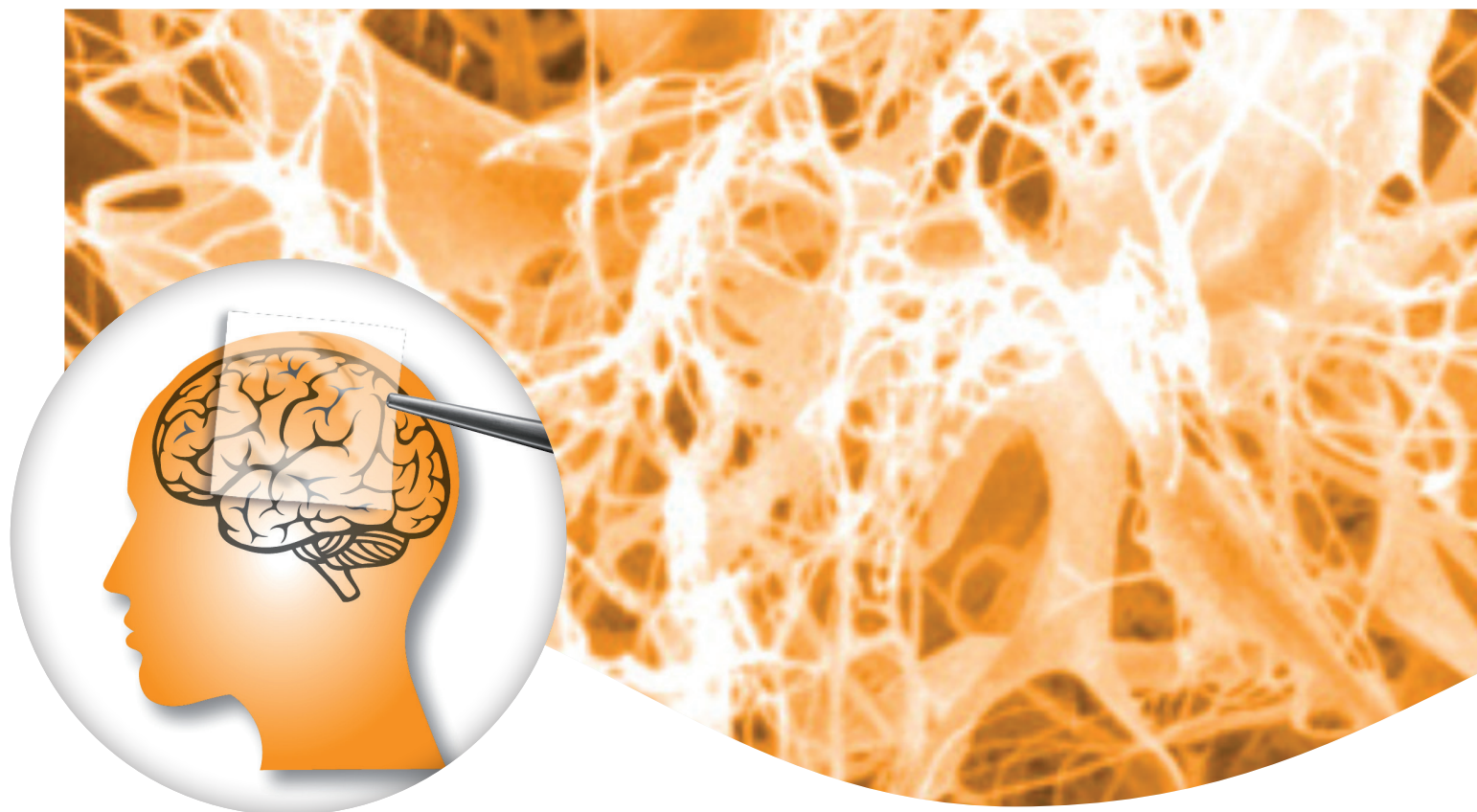




Advanced Medical Solutions Ltd

admedsol.com



RESODURA®

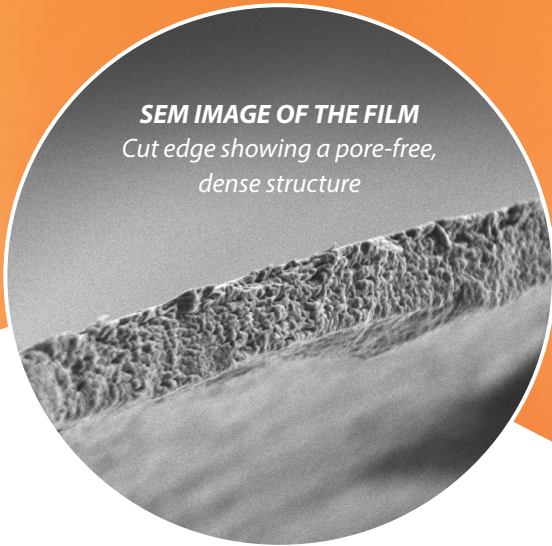
Transparent collagen biomatrix for
regeneration of the dura mater

 **RESORBA®**

**REPAIR AND
REGENERATE**

Dura-Repair & Dura-Regenerate

SEM IMAGE OF THE FILM
Cut edge showing a pore-free,
dense structure



RESODURA® is a biological, resorbable dura mater replacement based on native type 1 equine collagen fibrils.

Thanks to its special manufacturing process, RESODURA® is transparent, facilitating the optimum visual inspection of the underlying tissue.

RESODURA® is available in six different implant sizes and can be cut perfectly to size to match the dimensions of the area to be treated.

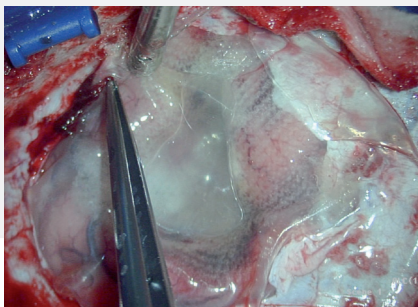
RESODURA® minimises inflammatory and immunological reactions, thereby reducing scar formation.

- **transparent**
- **reduced risk of scaring**
- **assures biocompatibility**
- **impermeable seal**
- **compatible with fibrin glues**
- **guide rail effect**
- **tear resitant**

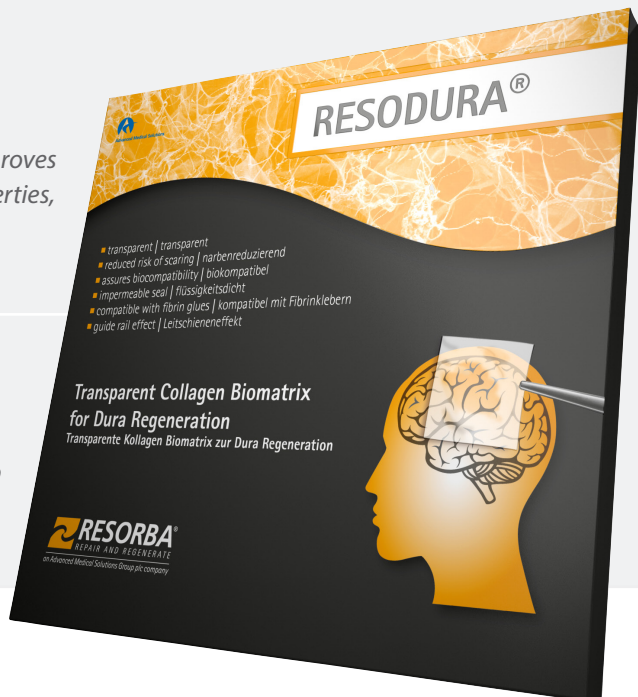
RESODURA® - The Collagen Biomatrix



- ◀ Hydration in a saline solution improves the handling properties, such as flexibility and elasticity.

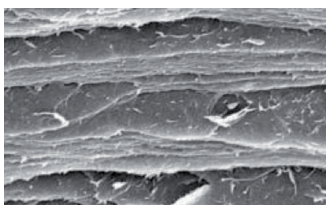


- ◀ Implantation of RESODURA® using the underlay technique. Overlap of approx. 1 cm.

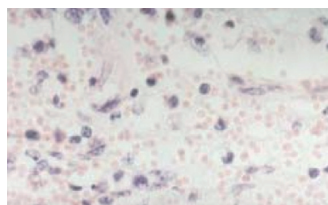


- Simply cut RESODURA® collagen biomatrix to the desired size (minimum 1 cm overlap).
- Prior to use, hydrate RESODURA® in a sterile physiological saline solution (approx. 2-5 min.) This helps to improve handling.
- If greater adhesion of RESODURA® to the tissue is required, then RESODURA® can also be applied without prior wetting.
- Sutures are not generally required to secure RESODURA®. In some special situations, tension-free, atraumatic sutures may be used. We recommend that the sutures are sealed using a fibrin sealant.
- Fibrin sealants support the fixing process of RESODURA®.
- RESODURA® can be applied using the underlay or the overlay technique.
- Ensure that the structural integrity of RESODURA® is maintained.

Conversion process of RESODURA® into vital dura mater tissue



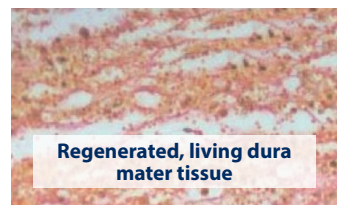
Layer structure



4 weeks - H&E stain, x600



8 weeks - trichrome stain, x150



Regenerated, living dura mater tissue

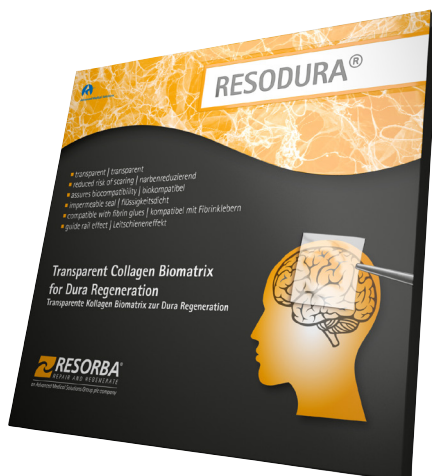
16 weeks - Van Gieson stain, x200

Collagen biomatrix

- ▶ Layer structure similar to dura mater
- ▶ Primarily impervious to fluids
- ▶ Native, biologically active

Living dura mater tissue

- ▶ Regenerated dura mater layer structure
- ▶ Rich in cells and newly formed capillaries
- ▶ Newly formed, dense collagen fibres



Product Sizes and codes

RESODURA®

| REF | SIZE | PACK CONTENTS |
|---------|--------------|---------------|
| DU 2525 | 2.5 x 2.5 cm | 1 film |
| DU 2510 | 2.5 x 10 cm | 1 film |
| DU 0505 | 5 x 5 cm | 1 film |
| DU 0510 | 5 x 10 cm | 1 film |
| DU 7575 | 7.5 x 7.5 cm | 1 film |
| DU 1010 | 10 x 10 cm | 1 film |



Shown in original size exactly ▲

References

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