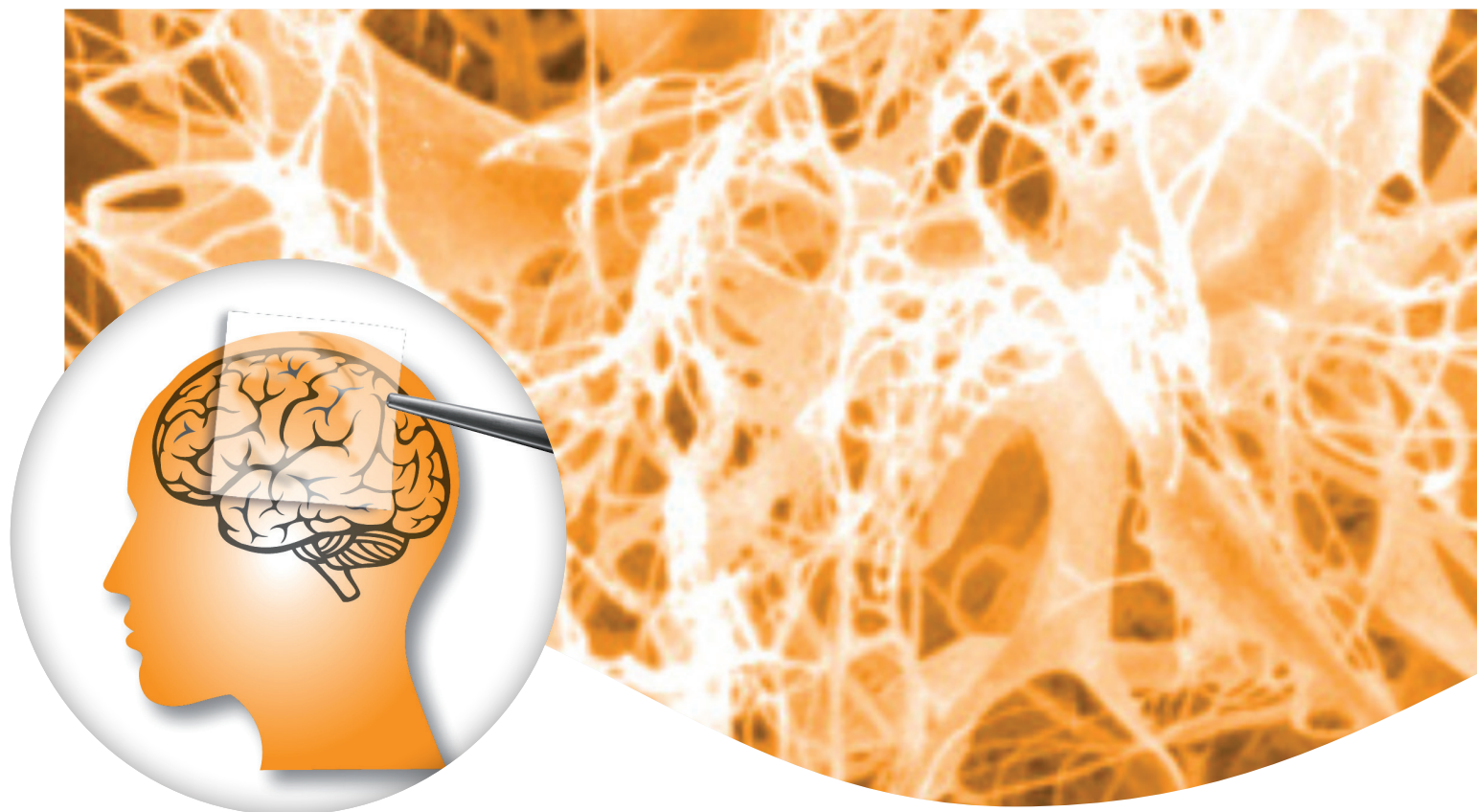




Advanced Medical Solutions Ltd

 **DamMedical**



RESODURA®

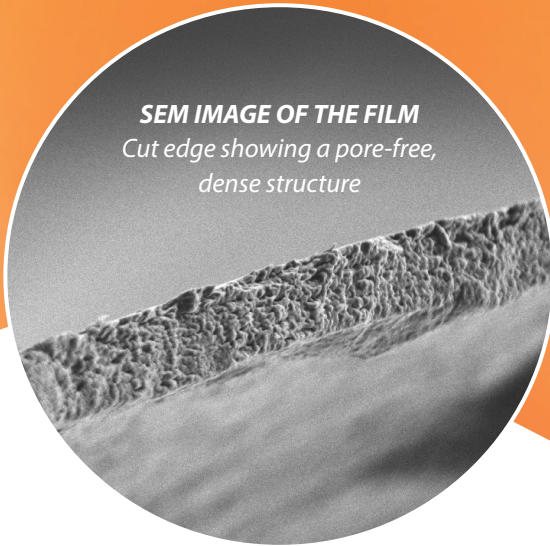
Transparent collagen biomatrix for
regeneration of the dura mater

 **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.

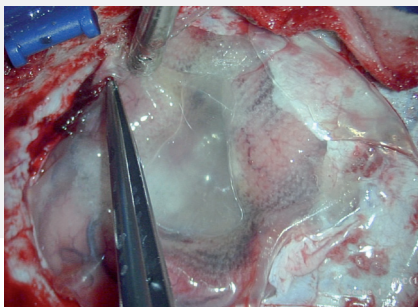
RESODURA® minimises inflammatory and immunological reactions, thereby reducing scar formation.

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

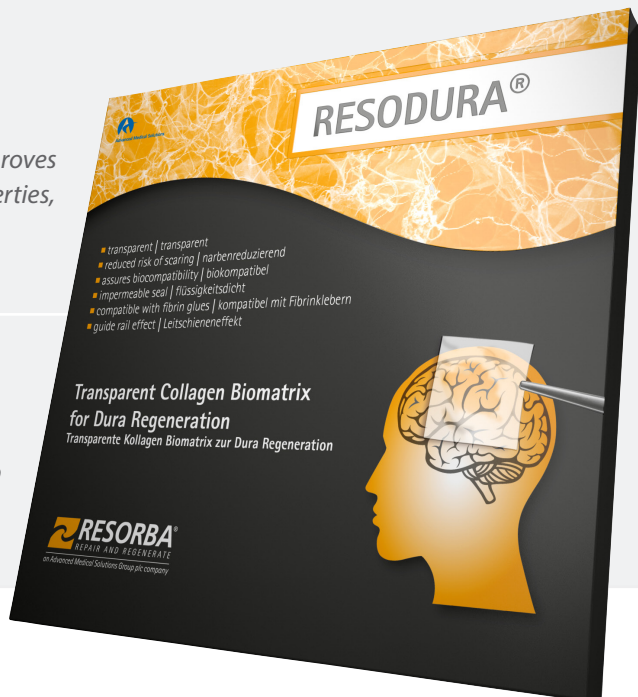
RESODURA® - The Collagen Biomatrix



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

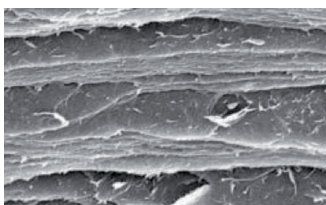


- Implantation of RESODURA® using the underlay technique. Overlap of approx. 1 cm.

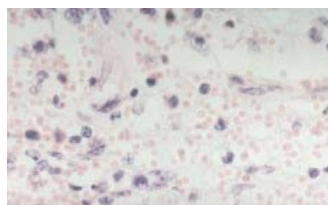


- Simply cut RESODURA® collagen biomatrix to the desired size (minimum 1 cm overlap).
- Prior to use, hydrate RESODURA® in a sterile physiological saline solution (approx. 2-5 min.) This helps to improve handling.
- If greater adhesion of RESODURA® to the tissue is required, then RESODURA® can also be 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



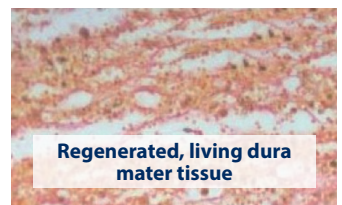
Layer structure



4 weeks - H&E stain, x600



8 weeks - trichrome stain, x150



Regenerated, living dura mater tissue

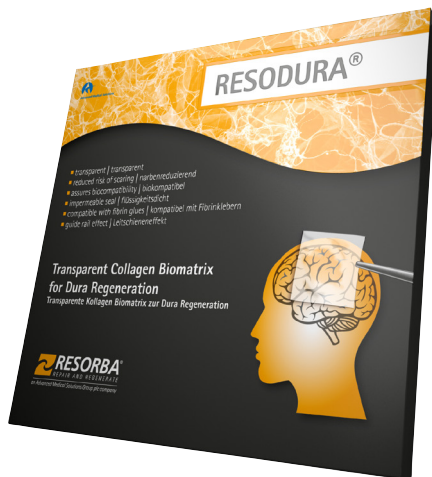
16 weeks - Van Gieson stain, x200

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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