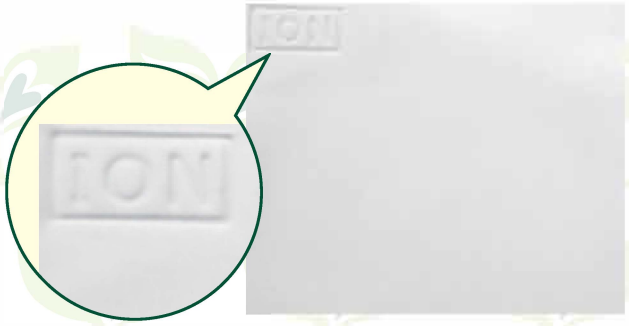
May 20, 2024 (Ver.2)
Approval No. 22900BZX00291000
Class IV Artificial Dura Mater (70511000)
DuraBeam®
Sterilized, Single Use
Thickness : 0.30mm

Sizes: LL (120mmx120mm, D-300-1212)
L (100mmx100mm, D-300-1010)
M (100mmx50mm, D-300-1005)
S (50mmx50mm, D-300-0505)

"DuraBeam®" Synthetic Artificial Dura Mater
Ion-irradiated ePTFE sheet
Usage Warning

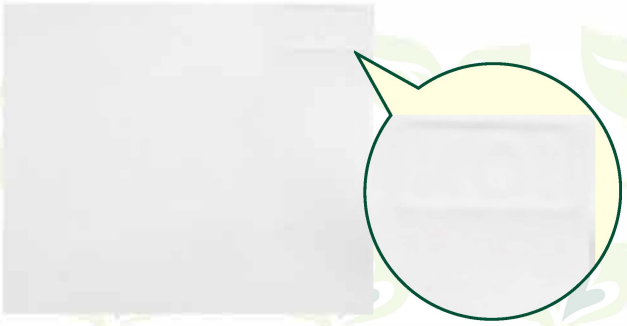
● **DuraBeam®** synthetic artificial dura mater has a Front Surface (processed by ion beam irradiation) and a Back Surface (unprocessed).
(The material is expanded polytetrafluoroethylene (ePTFE), which is highly biocompatible, safe and stable.)

Fig.1 DuraBeam® Front Surface (Ion-beam irradiated)



- "ION" or "Ion" engraved
- Matte white to very slightly brown

Fig.2 DuraBeam® Back Surface (unprocessed)



- The engraving is reverse
- Smooth and glossy white

● Please use **DuraBeam®** with the Front Surface (the ion-irradiated surface) facing the biological dura mater. Do not apply **DuraBeam®** directly to brain tissue. For details, please refer to the attached document.

Fig.3 Standard/Recommended Usage
Implant inlay under dura mater, with the Front Surface (the ion-irradiated surface) facing outwards.

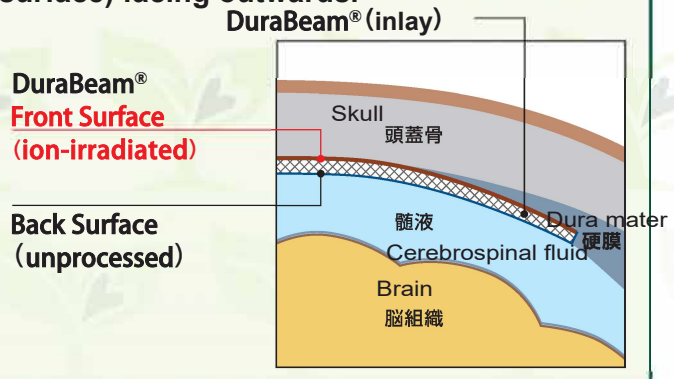
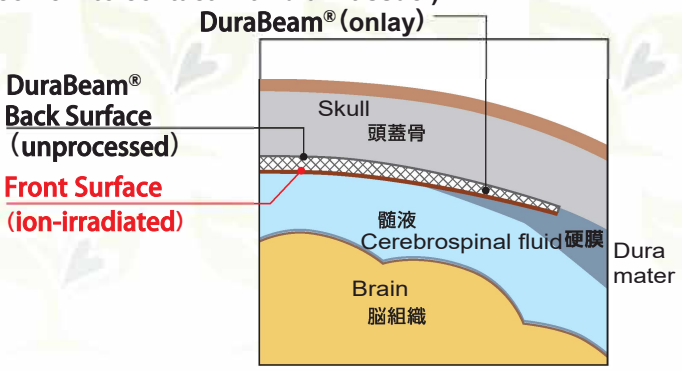


Fig.4 Avoid unless there is a special reason
We do not recommend "onlay", placing it over the dura mater, and implanting it with the Front Surface (the ion-irradiated surface) facing inwards. (When performing the Figure 4 usage, please be careful not to let DuraBeam® come into contact with brain tissue.)



It has been reported that the biological dura mater adheres and regenerates onto the Front Surface of DuraBeam®, reducing the adverse event of cerebrospinal fluid leakage.

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