

NEURO-PATCH®

AESCULAP® PATIENT INFORMATION

WHAT DOES YOUR BODY COME INTO CONTACT WITH AFTER THE IMPLANTATION OF NEURO-PATCH®?

MATERIALS AND SUBSTANCES

Dura substitution products are used for dura mater replacement (one layer of the meninges) after surgery to prevent the outflow of cerebrospinal fluid.

The dura substitute Neuro-Patch® is a synthetic, suturable dura substitute of fine fibred microporous fleece of medical suitable material.¹ Neuro-Patch® is made out of a synthetic material called polyester urethane.



HOW LONG DOES YOUR IMPLANTED NEURO-PATCH® LAST?

EXPECTED LIFETIME

Neuro-Patch® is composed of a polyester urethane which is non-absorbable. The implant is not broken down by the body and remains permanently in the body.

Neuro-Patch® remains implanted throughout the patient's life, when no adverse events happen. After implantation, the body's own connective tissue cells immigrate into the implant.^{1,2}

Many years of market experience as well as the conducted long-term clinical trials have shown that even after years of implantation no loss of substance and no change in the physical and chemical characteristics occur. These trials also include tests on the product characteristics and histological examinations.^{1,2,3}

WHAT YOU AND YOUR DOCTOR SHOULD LOOK OUT FOR!

INTERACTIONS WITH ENVIRONMENTAL CONDITIONS

The dura substitution product Neuro-Patch® does not interact with magnetic fields during an MRI scan (imaging procedure). Nevertheless, it is recommended to inform the treating surgeon about any implants before an MRI scan.

Show your implant card!

1 Clinical Trial. Van Loon J, Plets C, Goffin J, van Calenberg F. A Prospective Study of Polyesterurethane (Neuro-Patch) as Dura-Substitute. University Hospital Gasthuisberg, Leuven. July 1995.

2 Aesculap AG. Radboud-Universiteit Nijmegen. Jerusalem C. Vergleichende Untersuchungen an sechs Fabrikaten zum Ersatz der Dura mater Encephali - Experimentelle und klinische Resultate.

3 Clinical Trial. Laun A, Grundmann R. Klinische Erfahrung mit dem Polyesterurethan-Vlies Neuro-Patch als Duraersatzmaterial - Ergebnisse einer Multicenter-Studie, 1996.