

ETHICON, LLC
 475 C Street
 Los Frailes Industrial Park
 Suite 401
 Guaymabo
 Puerto Rico 00969
 USA
 1-877-ETHICON
 +1-513-337-6928

EC REP

Johnson & Johnson Medical GmbH
 Robert-Koch-Strasse 1
 Norderstedt
 22851
 Germany

© Ethicon, Inc. 2014



ar SUTURE
 cs SÍČI MATERIÁL
 da SUTUR
 de NAHTMATERIAL
 el ΠΑΡΑΜΑ
 en SUTURE
 es SUTURA
 fi OMMELAINE
 fr FIL DE SUTURE
 hu VARRÓANYAG
 it SUTURA
 ko 봉합사
 nl HECHTMATERIAAL
 no SUTUR
 pl NICI
 pt FIO DE SUTURA
 ru ШОВНИЙ МАТЕРИАЛ
 sv SUTUR
 tr SÜTÜR
 zh-cn SUTURE
 zh-tw 縫合線

VICRYL RAPIDE™

Instructions for use

en

VICRYL RAPIDE™
 (POLYLACTIN 910) SUTURE
 STERILE SYNTHETIC ABSORBABLE

DESCRIPTION

VICRYL RAPIDE suture is a synthetic absorbable sterile surgical suture composed of a copolymer made from 90% glycolide and 10% L-lactide. The empirical formula of the copolymer is $(C_4H_6O_2)_x(C_5H_8O_2)_y$. The characteristic rapid loss of strength is achieved by use of a polymer material with a lower molecular weight than regular VICRYL™ (polyglactin 910) suture.

VICRYL RAPIDE sutures are obtained by coating the braided suture material with a copolymer composed of 90% caprolactone and 10% glycolide followed by a mixture composed of equal parts of copolymer of glycolide and lactide (polyglactin 370) and calcium stearate. Polyglactin 910 copolymer and its coatings have been found to be nonantigenic, nonpyrogenic and elicit only a mild tissue reaction during absorption.

VICRYL RAPIDE sutures are available undyed as well as dyed by adding D&C violet No. 2 (Colour Index Number 60725) during polymerisation.

VICRYL RAPIDE is available in a range of gauge sizes and lengths, non-needled or attached to stainless steel needles of varying types and sizes. Full details are listed in the catalogue. VICRYL RAPIDE sutures meet United States Pharmacopoeia (USP) and European Pharmacopoeia (EP) requirements for synthetic absorbable sutures, with the exception of an occasional slight oversize in some gauges and the exception of knot tensile strength. Knot tensile strength meets the USP and EP for collagen sutures (Chorda resorbilis sterilis).

INDICATIONS

VICRYL RAPIDE is intended for use in soft tissue approximation where only short term wound support is required and where the rapid absorption of the suture would be beneficial. Due to its absorption profile VICRYL RAPIDE is useful for skin closure, particularly in paediatric surgery, episiotomies, circumcision and closure of oral mucosa. VICRYL RAPIDE is also successfully used in ophthalmic surgery for conjunctival sutures.

APPLICATION

Sutures should be selected and implanted depending on patient condition, surgical experience, surgical technique and wound size.

VICRYL RAPIDE typically falls off 7–10 days post-operatively or can be wiped off subsequently with sterile gauze. Normally the removal of the suture is not required.

PERFORMANCE

VICRYL RAPIDE suture elicits a minimal to moderate initial inflammatory tissue reaction. Progressive loss of tensile strength and eventual absorption of VICRYL RAPIDE occurs by means of hydrolysis, where the copolymer degrades to glycolic and lactic acids which are subsequently absorbed and metabolized in the body. Absorption begins as a loss of tensile strength followed by a loss of mass.