

# MARICRYL

<b>TIPOLOGY:</b>	Absorbable synthetic monofilament suture.																		
<b>COLORS:</b>	Violet or undyed (amber).																		
<b>MOLECULE:</b>	Copolymer composed of 75% Glycolide and 25% ε-caprolactone (PGA-PCL).																		
<b>CALIPER:</b>	USP from 12/0 to 5; EP from 0,1 to 7.																		
<b>COATING TYPE:</b>	Uncoated.																		
<b>SPECIFICS:</b>	<ul style="list-style-type: none"><li>• High tensile strength.</li><li>• Easy handling, flexibility and easy execution of the node.</li><li>• Atraumatic passage through the tissues due to the smooth surface.</li><li>• Excellent sliding through the tissues.</li><li>• Low thread memory.</li></ul>																		
<b>INFORMATIONS:</b>	<p>Maricryl sutures are indicated for the approximation and/or ligation of the soft tissues, blood vessels and muscles. They can be used in gastrointestinal, plastic and reconstructive surgery, urology, gynecology and obstetrics. Not indicated for cardiovascular tissues, on the central nervous system, microsurgery and ophthalmic surgery.</p> <p><u>VIOLET</u>: 70% in one week; 40% in two weeks ; 12% in three weeks; 3% in four weeks. <u>UNDYED</u>: 80% in one week; 40% in two weeks; 15% in three weeks; 4% in four weeks.</p>																		
<b>SUTURE TENSILE STRENGTH:</b>	<p>The graph plots BSR (%) on the y-axis (0 to 120) against Days after suture implantation on the x-axis (0, 7, 14, 21, 28). Two lines represent violet (dark pink) and undyed (light pink) sutures. Both start at 100% at day 0. At day 7, violet is at ~80% and undyed at ~75%. At day 14, violet is at ~40% and undyed at ~35%. At day 21, violet is at ~15% and undyed at ~12%. At day 28, both are at ~5%.</p> <table border="1"><thead><tr><th>Days after suture implantation</th><th>Violet BSR (%)</th><th>Undyed BSR (%)</th></tr></thead><tbody><tr><td>0</td><td>100</td><td>100</td></tr><tr><td>7</td><td>80</td><td>75</td></tr><tr><td>14</td><td>40</td><td>35</td></tr><tr><td>21</td><td>15</td><td>12</td></tr><tr><td>28</td><td>5</td><td>5</td></tr></tbody></table>	Days after suture implantation	Violet BSR (%)	Undyed BSR (%)	0	100	100	7	80	75	14	40	35	21	15	12	28	5	5
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<b>ABSORPTION:</b>	Happens by hydrolysis and is complete in about 90 - 110 days.																		
<b>STERILIZATION:</b>	Ethylene oxide.																		
<b>EXPIRE:</b>	5 years.																		
<b>CERTIFICATION:</b>	<ul style="list-style-type: none"><li>- CE 0373 Notified Body "Istituto Superiore di Sanità" per class III.</li><li>- EPG-0167-18 Addendum n.01-20.</li><li>- QCT-0087-18 Addendum n.04-20.</li></ul>																		
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