

MESMO[®]

Microtextured Implants

Combining the benefits of
smooth & textured implants



Made in
Germany

POLYTECH

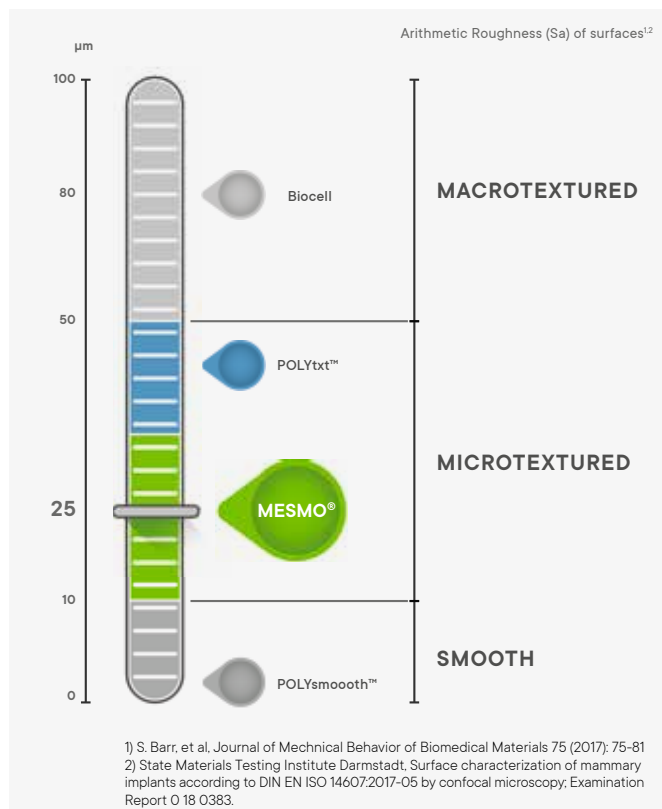
MESMO® Implants

The high quality soft textured option

Microtextured with an arithmetic roughness (S_a) of about **25 μm** provides safety and patient comfort.

EN ISO 14607 : 2018

The only official and shared classification method

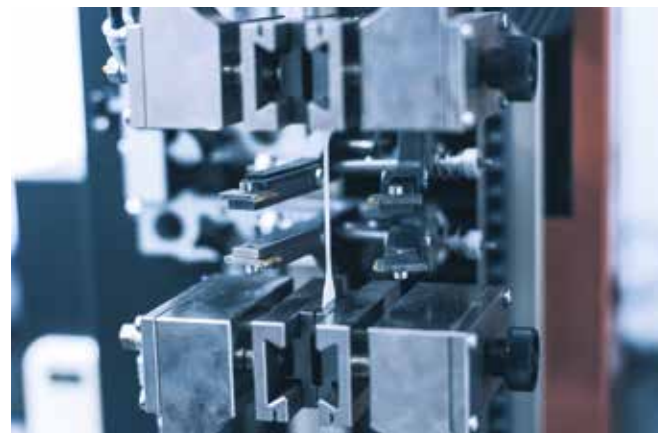


QUALITY MANUFACTURED IN GERMANY

POLYTECH's highest standards for surgeon's and patient's safety

POLYTECH implants meet or **exceed** all manufacturing harmonised standards required for **CE** certification.

Sample test types	Harmonised standard	POLYTECH results
Elongation	$\geq 450\%$	850%
Tensile set	$\leq 10\%$	3.5%



Superb Safety Profile

308 patients (for a total of 609 breast implants) undergoing breast augmentation and reconstruction with **MESMO®** implants were analyzed from 2011 to 2018.

This safety survey is based on a Kaplan-Meier analysis of the collected data (as in the Core Studies).

Cumulative results with MESMO® surface (5 years)

Complications	Augmentation & Reconstruction ¹ (95% CI) N = 308
CC (Baker grade III-IV)	0.4% (0.1 – 2.6%)
Implant removal	1.4% (0.5 – 3.7%)
Revision surgery	4.9% (2.3 – 10.4%)
Any complications	8.1% (4.5 – 14.3%)

Cumulative results from Core Studies (5 years)

Allergan ² Biocell Complications	Rates	
	Primary Augmentation N = 492	Primary Reconstruction N = 225
CC (Baker grade III-IV)	3.3%	9.6%
Implant removal	8.2%	22.8%
Revision surgery	16.7%	39.4%
Any complications	24.6%	46.6%

Mentor ^{3,4} Siltex Complications	Rates	
	Primary Augmentation N = 572	Primary Reconstruction N = 191
CC (Baker grade III-IV)	1.8%	9.5%
Implant removal	6.0%	21.2%
Revision surgery	17.2%	41.2%
Any complications	44.8%*	64.9%*

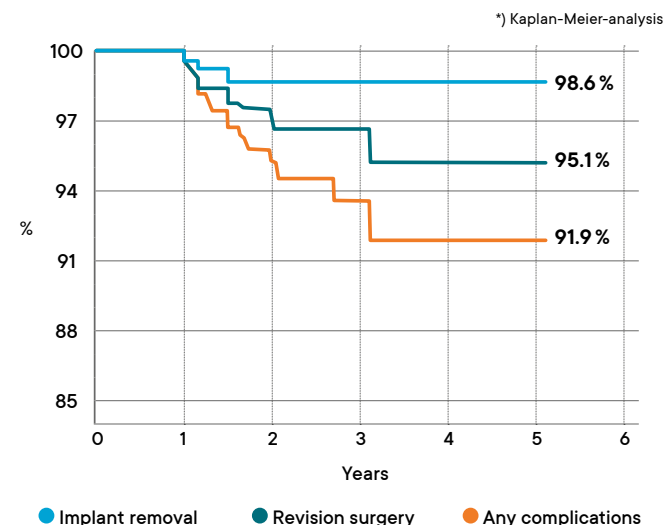
1) Implants of Excellence, Annual Survey 2007–2018, POLYTECH, Data on File.
 2) Health Canada, Drugs and health products, summary basis of decision (SBD) for Natrelle™ Highly Cohesive Silicone-filled breast implants, Allergan Medical; 2008.
 3) Health Canada, Drugs and health products, summary basis of decision (SBD) for Mentor Memorygel™ CPG breast implants cohesive III, Mentor Medical System B.V.; 2010.
 4) U.S. FDA Summary of safety and effectiveness data (SSED) for Mentor MemoryShape™ breast implants (PO60028), Mentor Worldwide LLC; 2013.
 2), 3) 4) Not intended to be side by side comparison.
 *These are 6 year data sets.

MESMO® IMPLANTS 5 YEAR PERSPECTIVE

92% of patients completely complication free after 5 years.

Possible Complications	Complication rates	Probability of being complication free (95% CI)
Implant removal	1.4%	98.6% (96.3 – 99.5%)
Revision surgery	4.9%	95.1% (89.6 – 97.7%)
Any Complications	8.1%	91.9% (85.7 – 95.5%)

Cumulative probability of being complication free*



MESMO®

Microtextured implants

Combining the benefits of smooth & textured implants

- **Highly cohesive** gel
- **Microtextured** surface
- **Very natural** touch and feel
- **Round & anatomical shapes**
- **MESMO® smoothness** allows a smaller incision
- Available now in both our **SublimeLine®** & **B-Lite®** ranges

Patient Satisfaction*

98%
Quality of life
improved or did
not change

97%
are **very satisfied**
or satisfied with the
aesthetic **result**

94%
breast feel
soft & natural

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