



A closer look at Motiva Implants®: 6th GENERATION¹ NANOSURFACE TECHNOLOGY

1980s

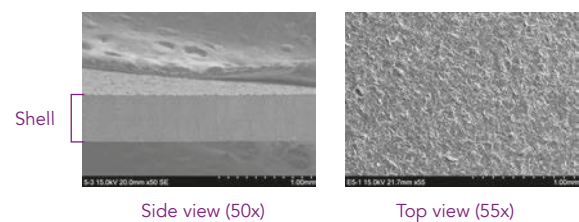
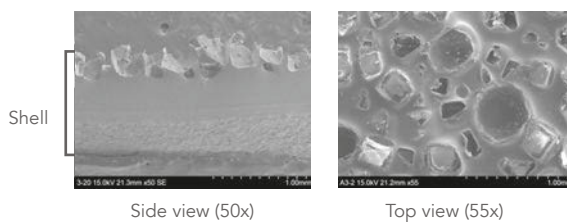
TODAY

MACROTEXTURE
(SALT LOSS)

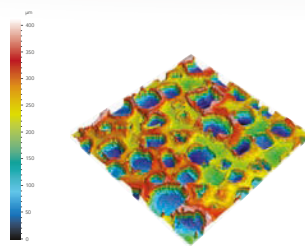
VS

ADVANCED SMOOTH
SMOOTHSILK®/SILKSURFACE®

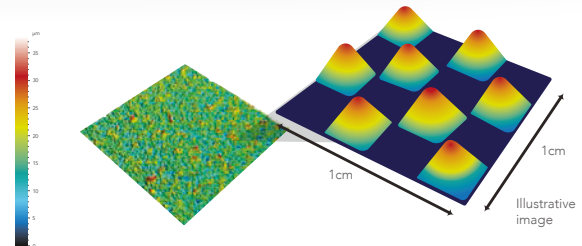
Scanning Electron
Microscopy (SEM)



3D Representation



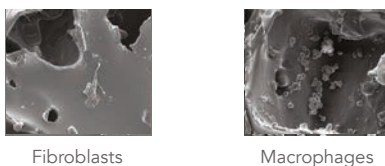
The implant surface remains pitted with randomly arranged, cubed indentations²



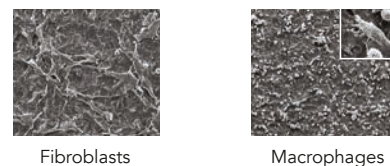
- Thousands of contact points per cm²
- High peaks and short valleys

Cellular Interaction

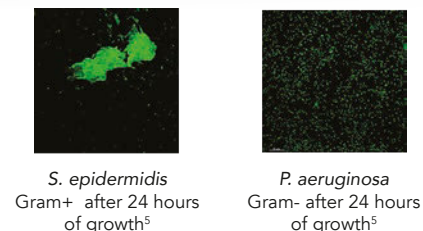
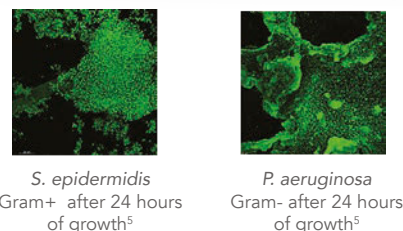
May promote uneven fibroblast attachment and aggregation; macrophages poorly spread²



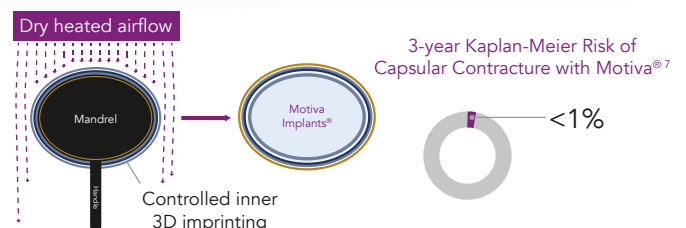
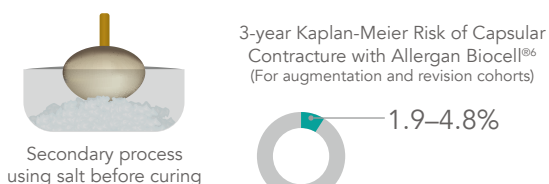
May optimize fibroblast attachment and promote a lower expression of molecules associated with the inflammatory response^{3,4}



Bacterial Adhesion &
Biofilm Formation

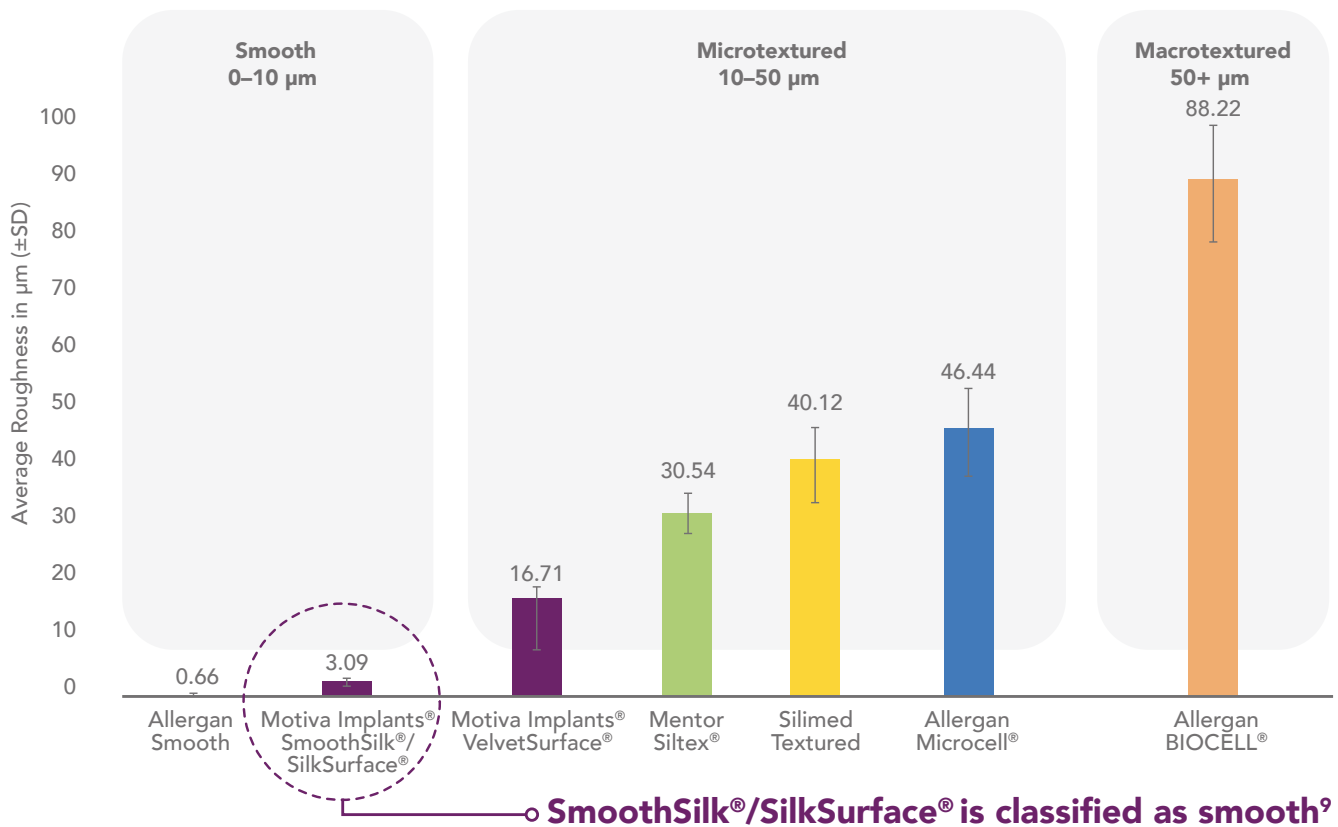


Manufacturing Process

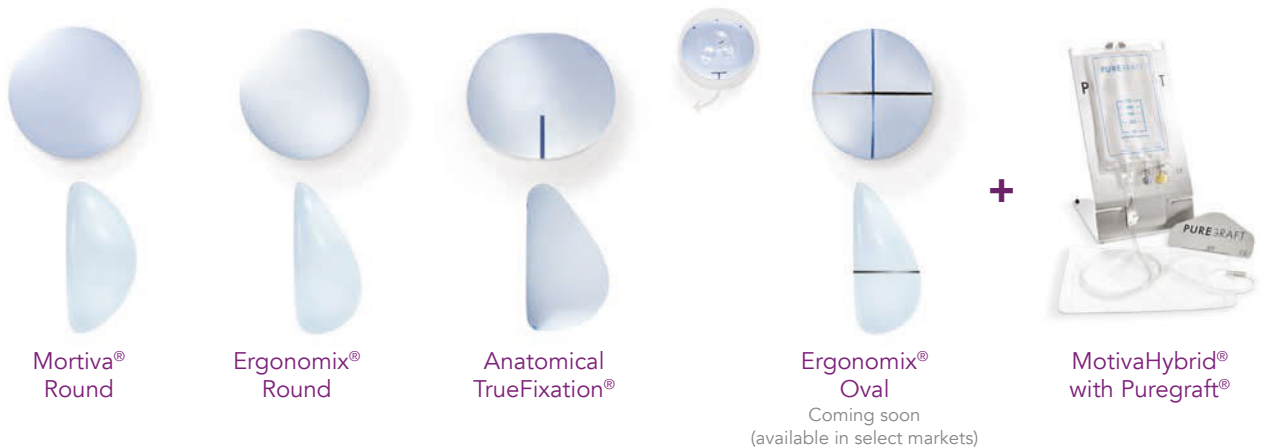


Breast Implant Classification Based on Surface Type

International Organization for Standardization (ISO-14607:2018)⁸



MOST COMPREHENSIVE ADVANCED SMOOTH IMPLANT PORTFOLIO



FIRST-OF-ITS-KIND SAFETY FEATURES



Q Inside® Safety Technology



BluSeal®



TrueMonobloc®

Please check regulations for locally approved products.

References

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9. Establishment Labs data generated internally per ISO-14607:2018. Surface Characterization Report of different breast implants available in the market. TS-001019 Rev. 1, June 2019.