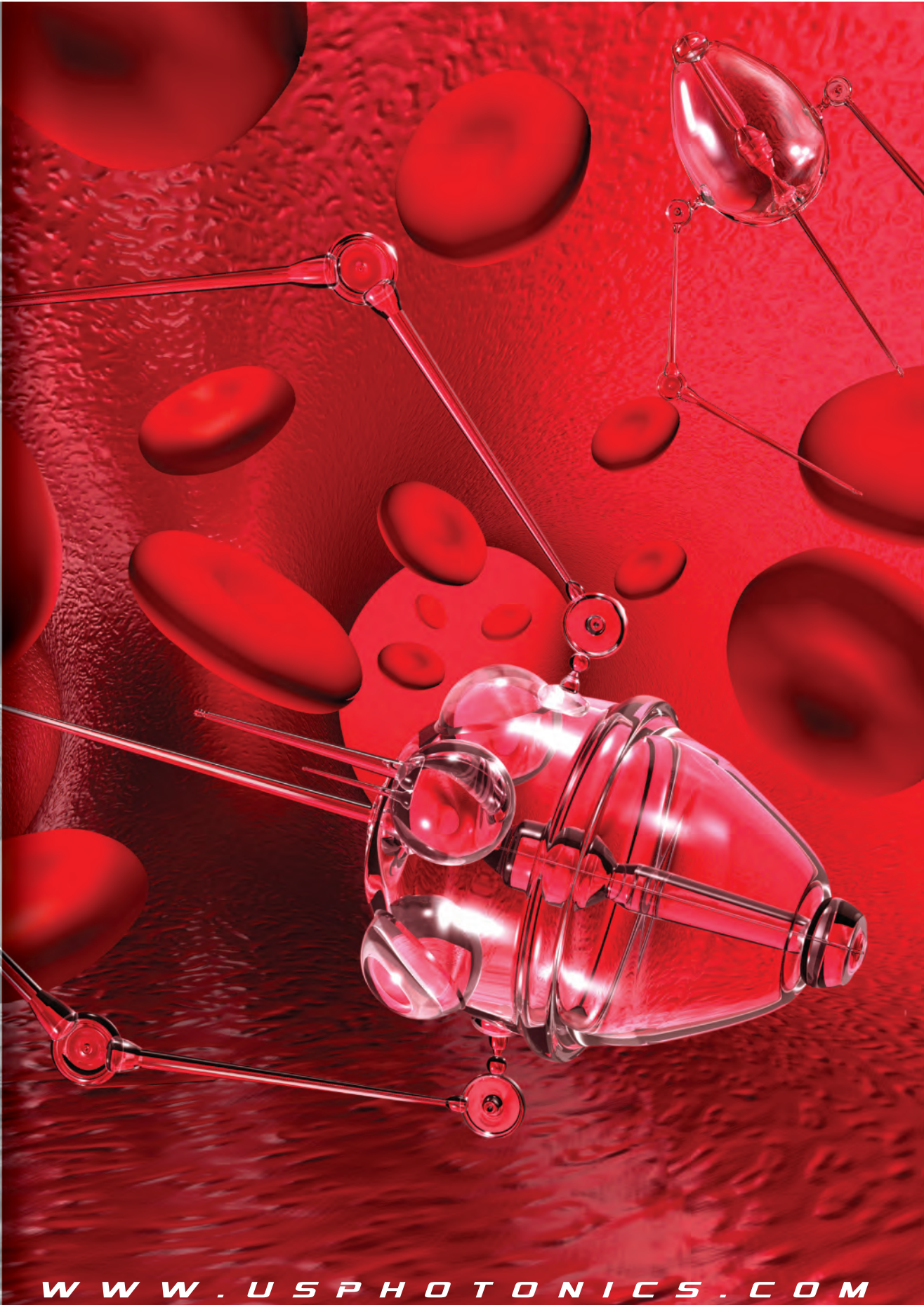




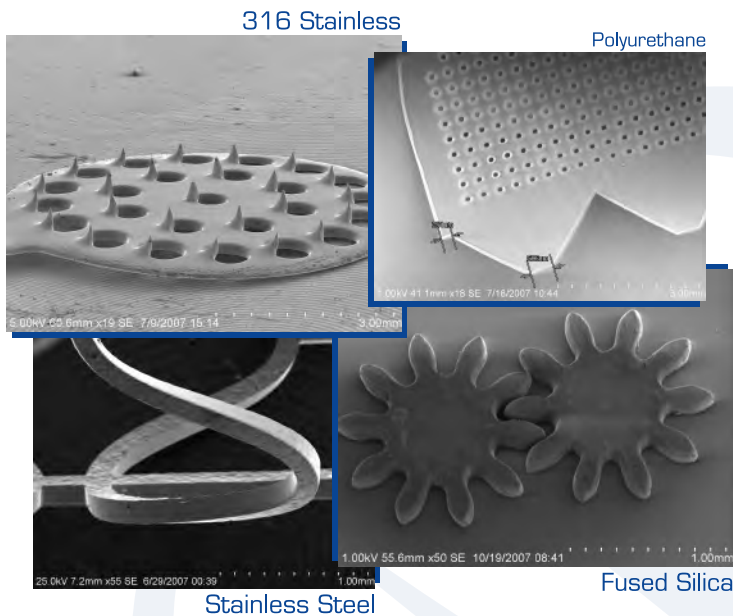
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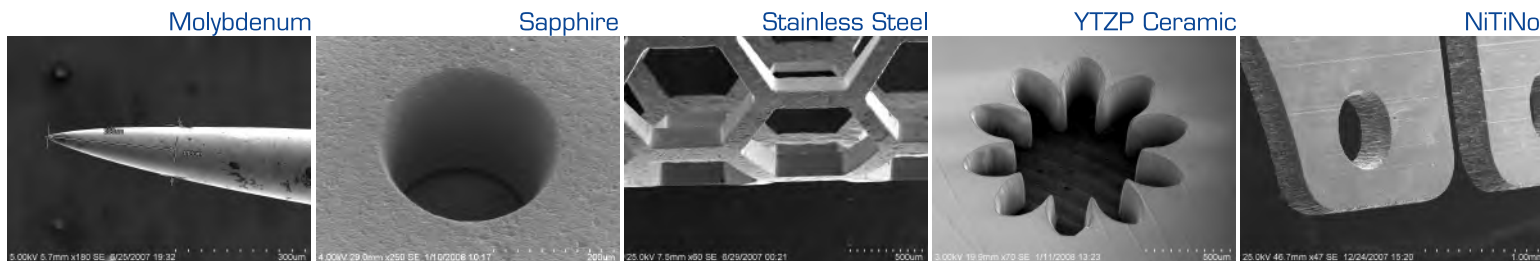
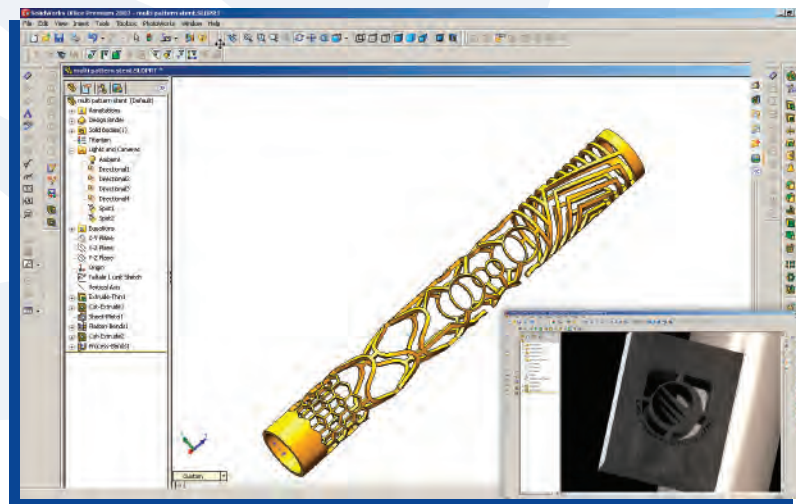
# RESEARCH & DEVELOPMENT



- MEMS
- Microfluidics
- Lithography
- 2D - 3D Simulation
- Mask Design
- Electropray / Electrospinning
- Multi-Photon Polymerization

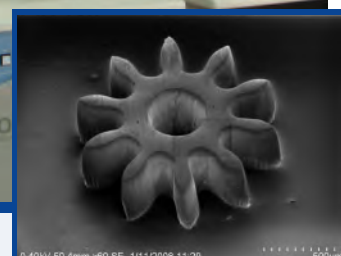
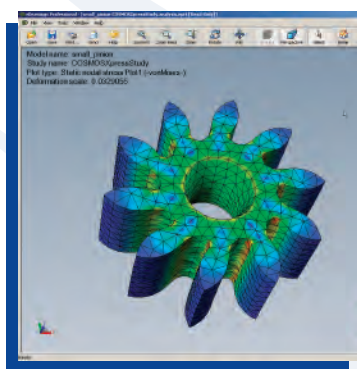
# DESIGN & PROTOTYPE

- 2D - 3D CAD/CAM Modeling
- Finite Element Analysis
- Multi Physics Simulation
- Rapid Prototyping
- Lithography Mask Design



# TESTING & ANALYSIS

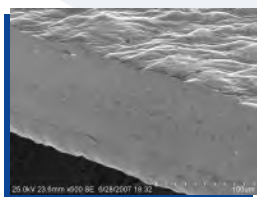
- Accelerated Life Cycle Testing for Biomedical Devices
- Optical / SEM / AFM Microscopy
- Critical Dimension Measurement
- Metallurgical / Crystallographic Analysis
- Cross Sectioning
- Surface Profiling



YTZP Ceramic

# MANUFACTURING

- Laser Micromachining  
Femtosecond • YAG • Excimer
- Electronics Grade Single Wall Carbon Nanotube Production
- Thin Film Deposition
- Electropolishing
- Micro - Abrasive Blasting
- Plasma / RIE / Wet Etching
- Anodizing / Electroplating



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