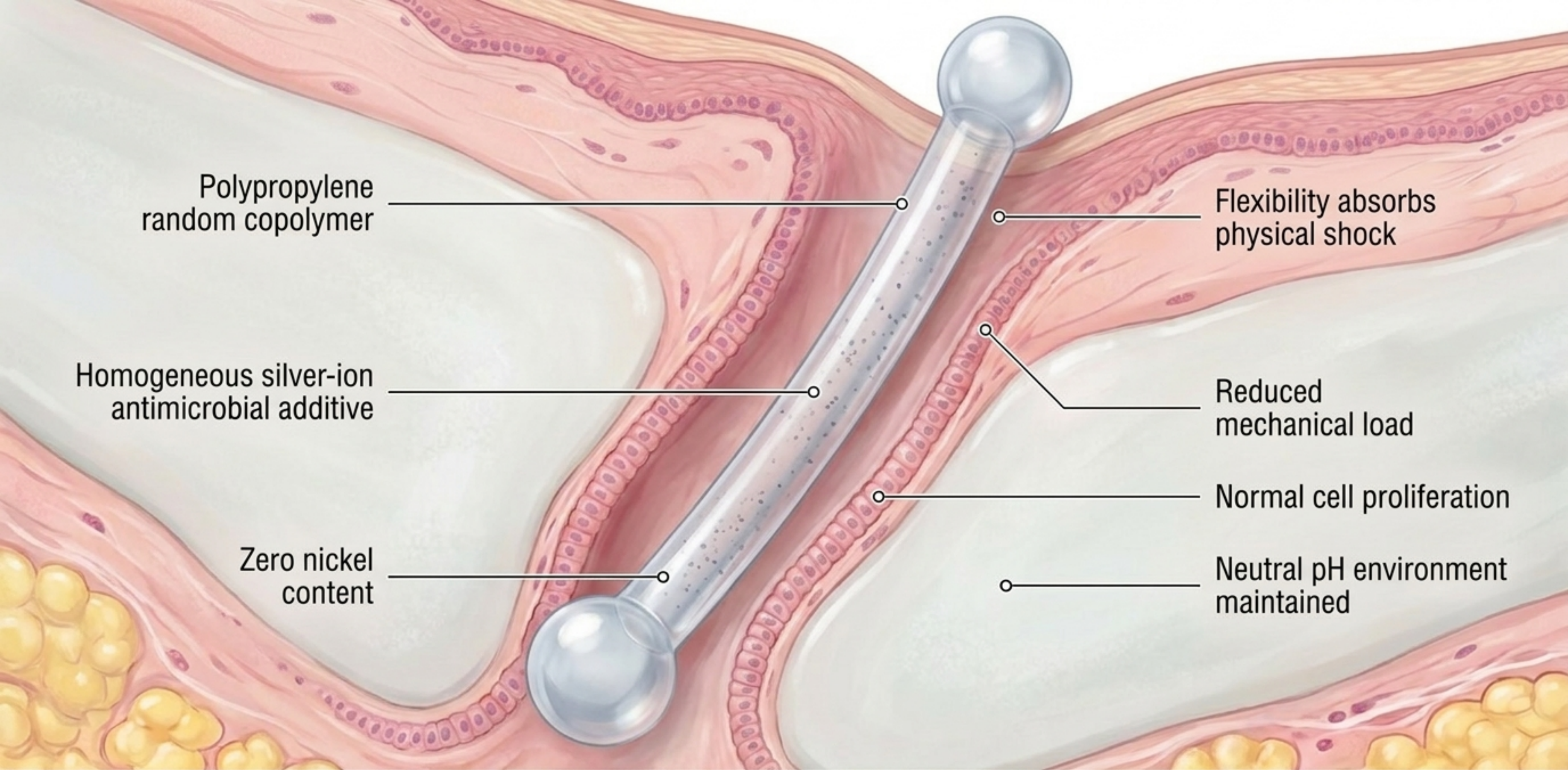




Polypropylene
random copolymer

Homogeneous silver-ion
antimicrobial additive

Zero nickel
content

Flexibility absorbs
physical shock

Reduced
mechanical load

Normal cell proliferation

Neutral pH environment
maintained

Medical-grade random copolymers flex with tissue movement while maintaining zero nickel release and structural stability.
FLEXIBILITY REDUCES MECHANICAL STRESS ON HEALING CHANNELS