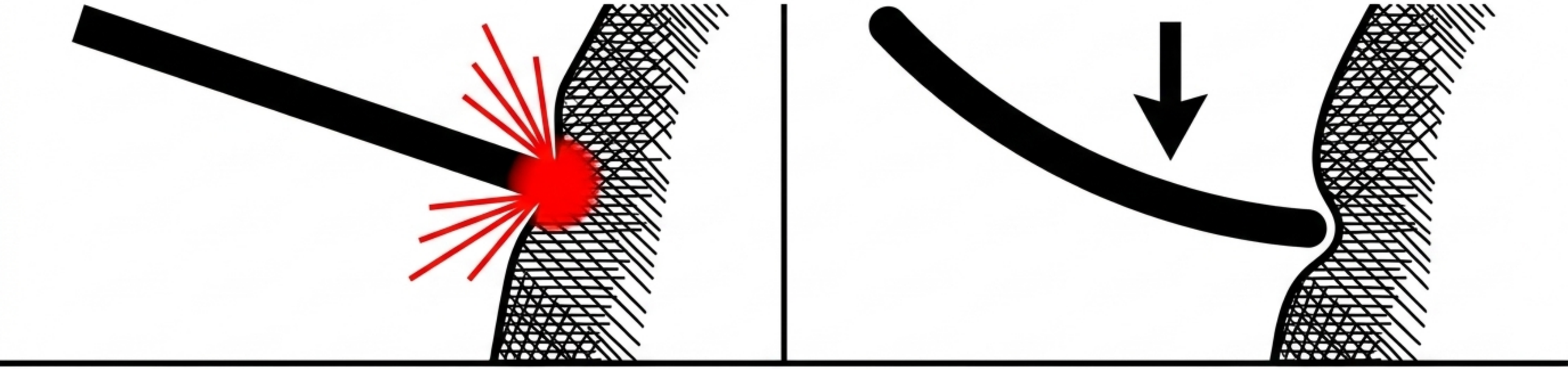
316L stainless steel creates leverage.

Force transmits directly to tissue.

Polymers offer a 400x stiffness gap.

Compliant materials bend under impact.



Rigid metal piercing jewelry fails athletes by creating mechanical leverage.

FLEXIBLE POLYMERS PREVENT IRRITATION BUMPS.