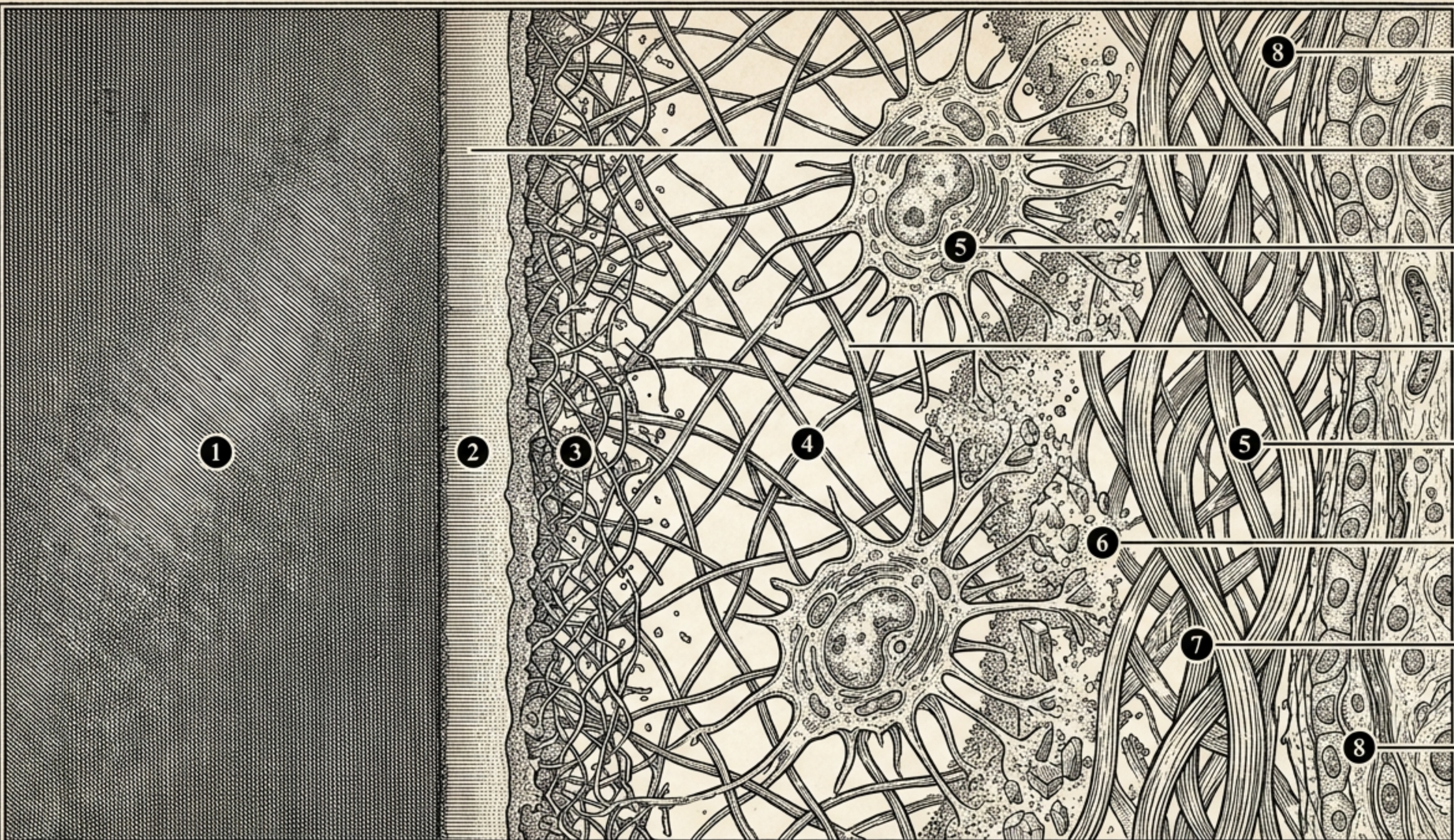




- 1. Titanium bulk alloy metal
- 2. Nanometer-thin titanium dioxide film
- 3. Adsorbed blood protein layer
- 4. Fibrinogen and fibronectin matrix
- 5. Attached precursor cells
- 6. Newly deposited calcium phosphate
- 7. Maturing collagen fibers
- 8. Living tissue interface

The titanium oxide shield prevents harmful ion release into surrounding tissue.  
100% nickel-free elemental composition.