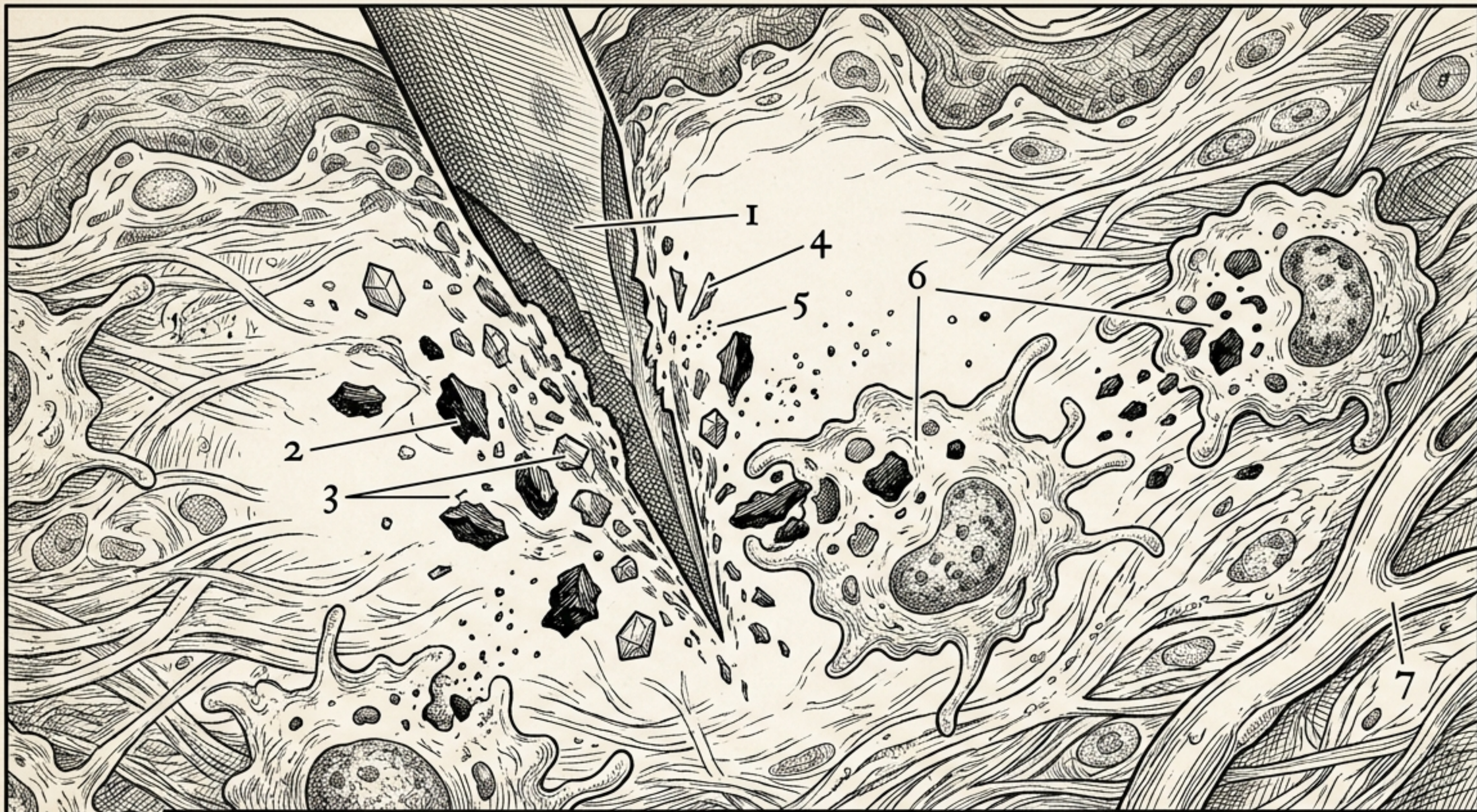




1. Intradermal injection puncture
2. Carbon black tattoo pigment
3. Titanium dioxide abrasive particles
4. Wear of metal needles
5. Chromium and nickel nanoparticles
6. Macrophages absorbing ink
7. Transport to lymph nodes

Macrophages attempt to remove foreign ink particles through the lymphatic system.

IMMUNE SYSTEM CELLULAR RESPONSE