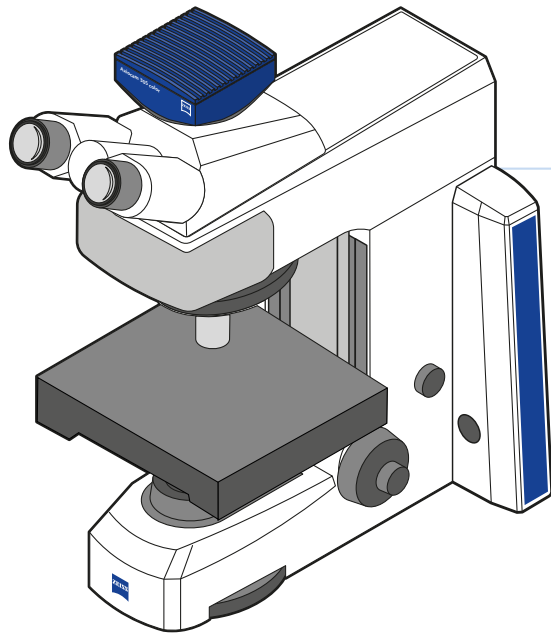


# Different types of soiling



Seeing beyond



## Dust particles

Glass  
e.g. from slides

Fluff from  
e.g. clothing

Flakes  
e.g. from skin

Pollen

**Rest loosely on surfaces**

### Cleaning steps:

1. Detect where the dirt is located
2. Blow all loose dust particles away with a dust blower or remove with a soft hair brush (marten hair) used exclusively for that purpose

## Other soilings

Liquid

Dried-up embedding media

Fingerprints

Dried-up immersion media

Grease

Culture solutions residue from improper cleaning

**May be soluble in water or need organic solvents for removal**

### Cleaning steps:

1. Detect where the dirt is located
2. Check cleaning agents and methods for different surfaces
3. Start with the least aggressive solvent

## Microbes

Bacteria

Viruses

Fungus

**Mostly not visible**

### Cleaning steps:

Regularly disinfect touched surfaces