## Pulse oximetry pitfalls

# Dyes dip, CO cheats, Met sits at 85

**Dyes** Methylene blue (biggest), indocyanine green, indigo carmine: falsely low

**CO** Carboxyhemoglobin reads as oxyhemoglobin: falsely high

**Met** Methemoglobin pulls SpO2 toward about 85%

**Noise** Motion, poor perfusion, dark nail polish, bright light