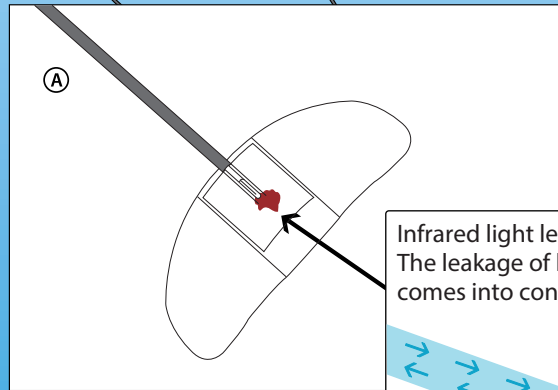
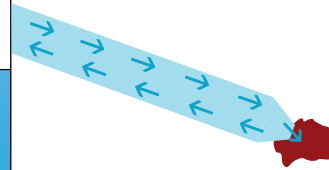


The Alarm Unit sends infrared light through the optical fiber, to the tip of the sensor and back again. The sensor patch is placed directly over the puncture hole where the venous needle returns purified blood to the patient from the dialysis machine.

Redsense will alarm on contact with blood onto the fiber optic bend at the tip of the sensor.



Infrared light leaks from the fiber bend. The leakage of light increases if blood comes into contact with the fiber bend.



The Alarm Unit measures the returning level of infrared light. If the level of light is suddenly reduced, the Alarm Unit sounds the alarm immediately.

