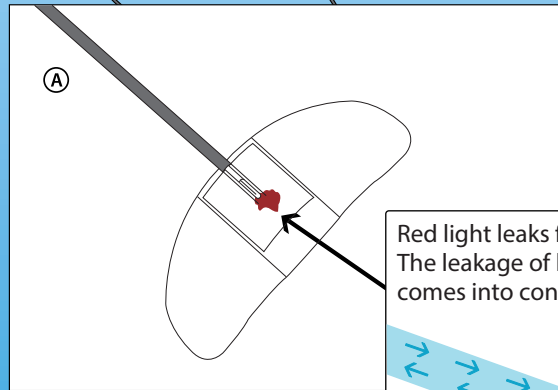
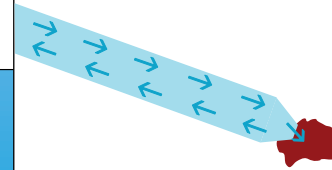


The Alarm Unit sends red light through the optical fiber to the tip of the sensor, where it bounces back again. The sensor patch is placed directly over the puncture hole where the venous needle returns purified blood to the patient from the dialysis machine.

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



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



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

