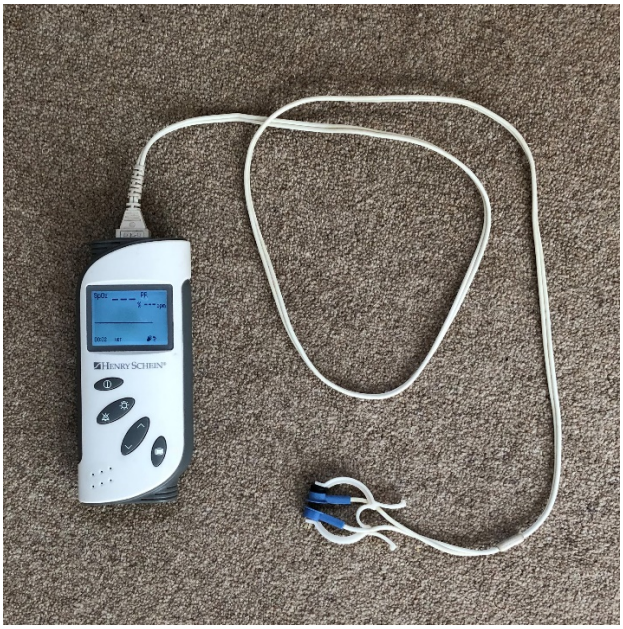
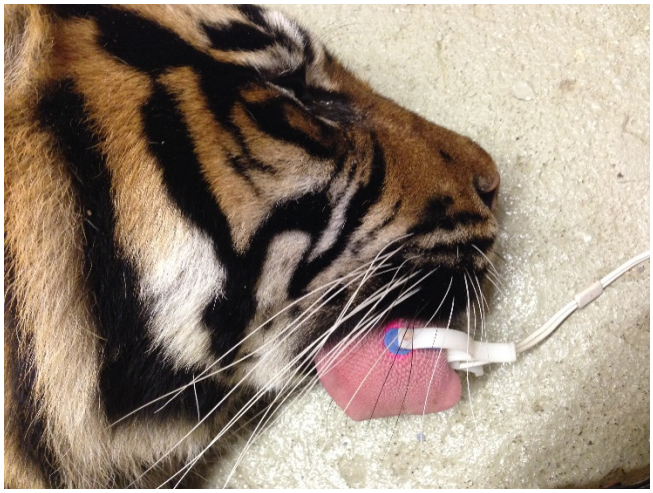
Wild Tiger Health Centre Information Sheet

Field Anaesthesia: Pulse oximeters

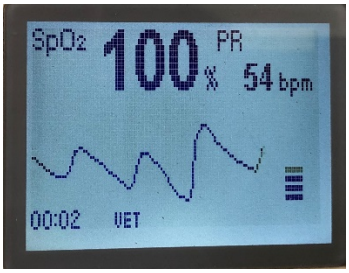
Pulse oximeters provide information on respiratory function and pulse rates, are relatively cheap, and are simple to use. Pulse oximeters measure the percent oxygen saturation of haemoglobin in the blood (SpO_2). One simple example is shown here:



Pulse oximeter with “C-clamp” sensor



Sensor attached to tongue



Pulse oximeter screen readings showing percentage oxygen saturation (100%), pulse rate (54) and pulse waveform