



Patient Information Leaflet



RespiraSense

Why measure how fast we breathe?

Breathing or respiratory rate has shown to be the earliest and most sensitive measurement that can indicate a person's condition. Clinical teams assess whether a treatment is being effective. The HSE is standardising the use of electronic measuring of respiratory rate for managing COVID patients. RespiraSense is a medical device developed in Ireland, manufactured by PMD Solutions, and will be used to measure your breathing.



RespiraSense

The device is made up of two parts, an adhesive sensor (Brown Colour) and a plastic lobe (White) which are attached together and then placed as shown in the picture to enable the continuous monitoring of the Respiratory Rate. It is worn from when you are admitted until you are discharged. The information that is collected by the device is passed via a Bluetooth connection to a Tablet computer that is located at the nurse's station. On the tablet, this information can be viewed by the medical practitioner. Both the device and the tablet will alarm if the respiratory rate changes and is outside of the specific limits. If the Respiratory rate is too low or too high the Nursing staff will be alerted and can then perform further investigation and take more measurements of your vital signs such as Blood pressure to assess you. Staff may also use a pulse oximeter to record your oxygen saturation level, this too is recorded on the tablet.

Things to consider

- If you go for X-Ray, CT, MRI, surgical operation, or a procedure, the device will need to be removed.
- If you take a shower to inform the Nurse and the device can be removed temporarily and replaced afterwards.
- The device can be in place for several days and then it needs to be changed.
- Do not throw away the Lobe (White) as this will be cleaned and reused for other patients.

To find out more: www.pmd-solutions.com