

Ward 2C: 0151 430 1346

Non-invasive ventilation

This leaflet can be made available
in alternative languages / formats on request.

如有需要，本传单可提供其他语言/版式
此單張的其他語言/格式版本可按要求提供

Na żądanie ta ulotka może zostać udostępniona
w innych językach/formatach.

Whiston hospital
Warrington road
Rainhill
Prescot
L35-5DR



www.sthk.nhs.uk

Author: Nurse Specialist
Department: Respiratory
Document Number: STHK1266
Version: 1
Review date: 01/11/2022

Introduction?

The Non-Invasive Ventilation (NIV) Unit is based on one of our respiratory wards at Whiston Hospital, Ward 2C; it is comprised of 3 beds and is managed by 6 NIV Specialist Nurses who rotate 24 hours a day 7 days a week.

What is NIV?

Non-Invasive Ventilation (NIV) is a machine that is used to blow air into the lungs via a tight fitting mask that will seal around the nose and mouth and helps to eliminate carbon dioxide from the body, oxygen can be used through the mask at the same time if required.



Why is NIV used?

NIV is usually used with patients having an exacerbation of COPD and are in respiratory failure, or sometimes for patients with OSA (obstructive sleep apnoea) who are also in respiratory failure and need extra support with their breathing.

A blood test called an ABG (arterial blood gas) is taken from either wrist and this will monitor the carbon dioxide and oxygen levels and decipher whether the patient needs to continue with NIV or what settings should be used.

How long is NIV used for?

Usually we will use NIV continuously for the first 24 hours and then for 1-2 days with breaks. Every patient is different and how the patient responds to treatment will depend on how long we will need to continue.

Non-invasive ventilation specialist nurses

Vicki Sumner
Rachael Byers
Antonio Merola
Soliel Walsh
Amy Quinn
Eva Nartea
Victoria Wilson

If you have any questions or concerns, please ask to speak to one of the above nurses or the ward manager.