

CASE STUDY |

SOUTH WILTSHIRE RESIDENTIAL NURSING CARE CENTRE PROVIDER, WESSEX CARE, COMMISSIONS INNOVATIVE ULTRAVIOLET-C LIGHT DECONTAMINATION TECHNOLOGY



- Salisbury care provider becomes the first in the UK to commission innovative ultraviolet-C light decontamination.
- The Ultra-V™ device by Inivos can reduce micro-organisms to safe levels in as little as eight minutes – including the SARS-CoV-2 pathogen that causes the COVID-19 virus

A South Wiltshire nursing and mental health care centre provider, Wessex Care, has become the first residential care provider in the UK to commission innovative ultraviolet-C (UV-C) light technology in the fight against coronavirus.

Ultra-V™ is designed to effectively decontaminate hospitals and care environments of potentially dangerous micro-organisms – including SARS-CoV-2, the pathogen which causes the COVID-19 virus. Already in use in hundreds of hospitals across the UK, UV-C light technology can reduce viruses and bacteria to safe, non-infective levels in as little as eight minutes by breaking down their genetic code.

The mobile decontamination robot is remote-controlled to ensure operator safety and provides validation reports at the end of each cycle, meaning carers can be confident that a decontaminated area is safe for residents to occupy.

During the COVID-19 pandemic, Wessex Care were asked to change their current rehabilitation service into a dedicated Hospital Discharge Support Unit. This was to help better patient flow from local hospitals with COVID-positive patients who needed nursing support.

To allow for this, Wessex Care changed the use of one of their buildings and set up this service during the first COVID-19 peak, providing a Discharge Support Unit. By adapting its existing building into a Discharge Support Unit that was fully operational and safe, Wessex Care were able to mitigate against other care home residents contracting COVID-19, whilst also helping to alleviate some of the pressure on the NHS.

Once COVID-19 cases started to decrease and there was no longer an urgent need for the service, the Wessex Care team were keen for the building to return back to its original use, as a standard care home facility. However, due to the high-risk nature of the environment – as it had once housed patients who were



COVID-positive – the Wessex Care team instigated a deep clean, followed by a thorough decontamination service via Inivos, to guarantee that no traces of the COVID-19 pathogen had been left behind.

Once this was completed and they were confident that the buildings were safe to inhabit, Wessex Care returned the buildings back to their initial use as standard care home facilities, enabling them to continue to care for their residents.

By implementing a diverse range of measures including the commissioning of Inivos' innovative UV-C light technology – which is the latest in a series of investments to boost patient wellbeing – Wessex Care have been able to ensure the safety of their staff and patients through adapting to this difficult time.

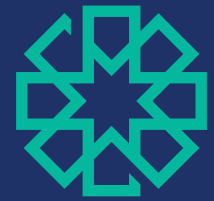
They have introduced a range of innovative measures that guarantee no trace of the SARS-CoV-2 pathogen is left, using thorough decontamination, proactive decontamination and assessing high risk areas. Most importantly, the team at Wessex Care have done this whilst also continuing to look after their resident's health and wellbeing.

Wessex Care has been supported in this initiative by Wiltshire Council and Wiltshire NHS Clinical Commissioning Group as part of the COVID 19 Response Fund for Care Providers.

Our Inivos® services are easy to arrange and tailored to your requirements:

Call **0845 270 6690** or email customerservices@inivos.com





Matthew Airey, founding director of Wessex Care commented:

"Providing the best possible care to each of our patients is at the heart of everything we do at Wessex Care. We're thrilled we can continue to deliver on this mission by securing innovative ultraviolet-C clinical decontamination technology from Inivos.

"We're proud to be the first care provider to take this step meaning our staff, patients and their loved ones can continue to be confident in the quality of care provided at Wessex Care."

Tautvydas Karitonas, head of research and development at Inivos® commented:

"We're so pleased that Wessex Care have taken the step to commission Ultra-V™ in their facilities. Our ultraviolet-C and hydrogen peroxide vapour technologies are already used by more than a third of NHS Trusts; however, we believe that clinical decontamination technology will soon become the norm in care homes as forward-thinking providers like Wessex look to secure best-in-class technology to ensure the continued health and wellbeing of their patients during this pandemic."

The machines, developed by Inivos, who are leading UK experts in infection prevention and control, are regularly used to decontaminate more than a third (41%) of NHS hospitals with their innovative hydrogen peroxide vapour and ultraviolet-C light technologies.

Since the outbreak of COVID-19, the company has developed several ground-breaking new technologies to support hospitals, care homes, dental surgeries and hospices with their infection prevention and control requirements.

They launched ProXpod, a rapid-deployment chamber which uses hydrogen peroxide vapour (HPV) to effectively decontaminate PPE, in April. This was followed by Ultra-V Connect™, a remote ultraviolet-C (UV-C) decontamination device fully calibrated to enable self-disinfecting rooms ideal for use in high traffic areas, as it can reduce pathogens to a safe level in eight minutes.



Ultra-V™ - In Wessex Care



Ultra-V™ - Spectrome

Did you know... Inivos have a 24/7 On-Call Decontamination Service that can respond anywhere in the UK within 8 hours



Our Inivos® services are easy to arrange and tailored to your requirements:
Call **0845 270 6690** or email **customerservices@inivos.com**