



Safeguarding Donors and Staff: How Beijing Red Cross Blood Center Utilizes Air Disinfection Technology

CASE STUDY
Beijing, China

PROBLEM

In the midst of the pandemic, life's pace slowed significantly, impacting various sectors. However, the operations of the world's blood banks, including the Beijing Red Cross Blood Center, remained crucial. To ensure the uninterrupted functioning of blood banks, Novaerus air disinfection devices, powered by the patented NanoStrike™ air disinfection technology, were deployed.

The demand for donated blood is constant, saving lives in various medical scenarios. When social distancing measures disrupted blood drives and citizens were urged to stay home, the challenge intensified for blood banks. It became imperative to maintain a steady flow of donations while prioritizing the safety of both donors and staff within the blood-bank environment.



CORONAVIRUS

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SOLUTION

The Beijing Red Cross Blood Center, one of Asia's largest blood-collection and supply institutions, responded by installing 23 Novaerus air disinfection devices across its facility. A spokesperson emphasized the increased focus on air purification due to COVID-19, stating, "We have so many donors coming in and out, and over 450 employees. In order to keep everyone safe, we need to continually disinfect the air."

The Novaerus devices provided reassurance to both donors and medical professionals involved in blood collection. The spokesperson highlighted the significance for platelet donors, who spend at least 30 minutes in confined spaces, emphasizing the need to ensure the safety of all individuals present.

Post-pandemic, the importance of air disinfection remains evident. Studies have demonstrated the potential transmission of SARS-CoV-2 and other viruses through aerosols, emphasizing the need for continuous air purification. The awareness that viruses can be shed by asymptomatic individuals further underscores the importance of safeguarding indoor environments.



"We know the devices have been proven to inactivate viruses, so the doctors and other staff feel safe."

RESULTS

Initially installed in the hemapheresis department, where blood donors are received, the Novaerus devices were later expanded to other departments, providing protection against COVID-19 for employees. The spokesperson confirmed the devices' efficacy in inactivating viruses, including SARS-CoV-2, instilling confidence among the medical staff.

Novaerus NanoStrike™ technology not only safeguards against SARS-CoV-2 but also instantly inactivates various other infectious airborne viruses and bacteria. Before selecting Novaerus, the Beijing Red Cross Blood Center extensively researched air-purification technologies, choosing NanoStrike™ for its advanced disinfecting capabilities and confidence in the product's safety.

Operating continually without producing harmful byproducts, Novaerus NanoStrike™ technology ensures 24/7 protection, even for the most vulnerable individuals. Today, with the Novaerus devices in operation, everyone entering the Beijing Red Cross Blood Center can feel better protected through continuous air disinfection.