



HOSPITAL
DOBRICH 

Effective
Against
COVID19



NPBI™ GPS-FC3

Benefits



Continuous Purification



Purifies both the air & surfaces



Neutralises up to 99% bacteria & viruses



Provides Protection for Medical Staff & Patients



Up to 99.99% effective against COVID19

"We purposely planted micro-organisms in one of our ambulances. We re-examined the contaminated areas after a week of normal operating conditions [with NPBI] and they came out completely sterile."

Dr. Georgi Zhelyazkov
Dobrich Hospital Head Manager

Overview

Client

Dobrich Hospital is a public medical facility in Dobrich city centre, Bulgaria. Following installation of the Airius PureAir system in their Orthopaedic, Surgical and ER departments in 2020 the hospital were eager to explore further high-risk infection areas, including ambulance vehicles.

Challenge

Ambulances are a common source of contamination for hospitals. In an effort to reduce the risk of infections introduced to the hospital from ambulances, in particular the SARS-CoV-2 virus, Airius worked with Dobrich Hospital to supply an effective vehicular air and surface purification solution.

Solution

The **Airius NPBI™ system** from GPS was specified and installed into a pre-contaminated ambulance for testing. Within 20 minutes of the NPBI™ system being activated **airborne particulate matter had reduced by 98%**.

Start of Test

397 µg/m³ - PM1.0
523 µg/m³ - PM2.5
606 µg/m³ - PM10

After 20 Mins

008 µg/m³ - PM1.0
011 µg/m³ - PM2.5
012 µg/m³ - PM10

The hospital was extremely impressed with the results and have since installed the Airius NPBI™ system throughout their entire fleet of ambulance vehicles.