

# CASE STUDY

Hospital Militar  
"Programa Nacional de Transplante Hepático"



- Military hospital, Montevideo, URUGUAY
- June 2019
- Medical Sector: Liver Transplant Department

## INITIAL NEEDS

- Following air quality analyses, the military hospital observed the presence of *Aspergillus*, a fungus which is pathogenic for the patients suffering from an immunodeficiency who are treated there. Various solutions had been tested, but the results were unsatisfactory.

## PROPOSED SOLUTION

NatéoSanté and its local partner supported the hospital with choosing and implementing the solution, including creating an air disinfection protocol before patients enter the intensive care room.

- **Solutions:** 1 EOLIS Air Manager 1200S + 1 EOLIS Air Manager 600S
- **Location:** Private intensive care room in the liver transplant department
- **Filtration and technologies:** Perform+ filters (bactericidal, virucidal and acaricidal filter + HEPA H13 filter + VHD activated carbon filter) + photocatalysis function, active oxygen function (2 treatment modes)
- **Recommendations for use:** use 24/7, activation of the photocatalysis function, continuous use of the active oxygen function (Mode 1) and 60-minute deep clean (Mode 2)

## RESULTS/CLIENT BENEFITS

- Microbiological air analyses were carried out before the proposed solutions were installed. After only a few days of using the EOLIS Air Manager, a reduction was seen in the concentration of *Aspergillus* in the air.
- After 2 months of use, the NatéoSanté air purifiers had enabled a low level of *Aspergillus* to be maintained, providing a healthy environment for patients.
- The hospital is planning to purchase further EOLIS Air Managers to ensure more complete protection.



“ Easy-to-use device.  
Of all the solutions tested, only EOLIS  
Air Manager enabled us to stop the  
spread of *Aspergillus* and to protect the  
patients. ”

Jony BRONSTEIN

**Manager of Mediq**, local  
NatéoSanté partner





**UNIDAD BI-INSTITUCIONAL  
ENFERMEDADES HEPÁTICAS  
TRASPLANTE HEPÁTICO**

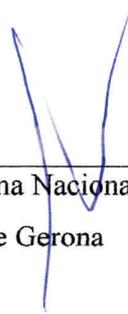


Montevideo, 6 de Agosto de 2019.

Ing. Químico David Bronstein  
mediQ Lifenir S.A.

Presente

En nombre del Programa Nacional de Trasplante Hepático, deseo reconocer en forma expresa el agradecimiento a vuestra firma, con motivo del préstamo de 2 equipos de purificación de aire portátil con filtro HEPA marca EOLIS modelo 1200s y 600s desde junio y julio del corriente, los cuales contribuyeron a brindar un entorno más seguro a los pacientes que requirieron internación en el marco del Programa Nacional de Trasplante Hepático, frente a la presencia de esporas de *Aspergillus sp.* en la Institución

  
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Jefe Programa Nacional de Trasplante Hepático  
Dra. Solange Gerona



Attention de :  
David Bronstein  
Mediq Lifenir S.A

Montevideo, 6 Août 2019

Au nom du Programme National de la Transplantation Hépatique, nous souhaitons reconnaître et remercier officiellement votre société, qui a mis à disposition deux équipements « Purificateurs d'air » portatifs équipés d'un filtre HEPA de la marque EOLIS (Modèle 1200S et 600S) durant les mois de Juin et Juillet dernier, ceux-ci ont contribué à apporter un environnement plus sûr pour les patients qui nécessitaient une prise en charge par le Programme National de la Transplantation Hépatique, face à la présence de spores d'*aspergillus sp.* dans l'institution.

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Chef du Programme National de la Transplantation Hépatique  
Dr. Solange Gerona



Attention of:  
David Bronstein  
Mediq Lifenir S.A

Montevideo, August 6th of 2019

On behalf of the National Hepatic Transplantation Program, we would like to formally acknowledge and thanks your company, which provided us with two «air purifiers» equipment "EOLIS" with HEPA filters (Model 1200S and 600S) during the months of June and July 2019, they helped create a safe environment protecting patients who needed to be taken in charge by the National Hepatic Transplantation Program, in the presence of spores of *Aspergillus sp.* in the institution.

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Head of the National Hepatic Transplantation Program  
Dr. Solange Gerona

