

# Mobile Diagnostic Center (CDM)

The CDM is a portable and integrated solution to facilitate the specialized remote medical support.



## CHARACTERISTICS

- Allows consultation with the specialist doctor to be performed remotely as easy as a face-to-face consultation.
- It provides an immediate and economic solution to the shortage of professionals.
- It has a lightweight and small structure make it ideal for inaccessible or remote areas such as mines, oil wells, military bases, ships, airplanes, emergency zones, rural areas, villages or small urban areas that lack specialized doctors.
- Allows the hospital to receive the vital parameters of a patient before his arrival during an emergency transfer, which speeds up patient's reception and attention.
- Allows home care for patients who require continuous monitoring.
- Avoids intrahospital infections, reduces costs.
- Avoids the costs of unnecessary transfers through remote consultation.
- It is easy to use.
- It can integrate other devices such as ultrasound scanner, spirometer, digital stethoscope, inspection camera, etc.



Developed in collaboration with the  
**Faculty of Medical Sciences,  
National University of Rosario**



## ADVANTAGES

- There are many places where health professionals and medical equipment do not cover needs of the population. Medical specialists are usually present in large cities and the inhabitants of rural areas or should travel great distances to be diagnosed by them. This travelling may create risks for the health of the patient, delays early attention and significantly increases costs. Distances are an impediment to optimal medical care.
- The EXO CDM is a telehealth solution that allows you to bring closer medical professionals to populations that do not have specialists on-site. The CDM is a diagnostic center that performs not only the measurement but also the transmission of the biological parameters of the patient: 12-lead ECG, heart rate, respiratory rate, non-invasive blood pressure, oxygen saturation and temperature, from any location through networking technologies such as Wifi, 3G, 4G and even satellite.
- The studies can be stored for your subsequent analysis and diagnosis. The information is saved in a secure way, encrypted and digitally signed. To perform the remote medical consultation, studies can be shared in real time or deferred in a safe way, using digital keys and preserving confidential patient data.
- The studies are stored in the Azure cloud and shared in a protected way between devices through secure protocols. In this way, only the duly authorized health professional can access the studies from any device, at any time.



- Integrated video conferencing allows the medical professional from a support health center to communicate with the CDM operator, regardless of the distance that separates them or their location. The interaction through audio and video facilitates the diagnosis and provides support and containment to the operator who is with the patient.
- At the receiving end (support health center or specialist doctor), both for visualization of studies as for videoconferencing, you only need a computer or smart phone with standard connectivity requirements.



For more information visit

<https://health.exo.com.ar/centro-de-diagnostico-movil/>

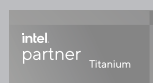
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EXO<sup>®</sup> develops and integrates technological solutions under ISO 9001:2015 Quality Standards; Environmental Management ISO 14001:2015 and Occupational Health and Safety ISO 45001:2018.

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Manufactured in Argentina by EXO S.A.  
3444 Chiclana Ave. (C1260ACO) Technological District, CABA



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