



ARK, Weightless Radiation Protection System

Optimised Ergonomic Design

ARK has an ergonomic structure that can be easily adjusted for users with different body types and sizes.

Easy Installation

It is easy to install by plug-in structure. It offers long-term use, especially with its adjustable structure, which can be re-balanced after replacing worn-out parts.

Full-Body Protection

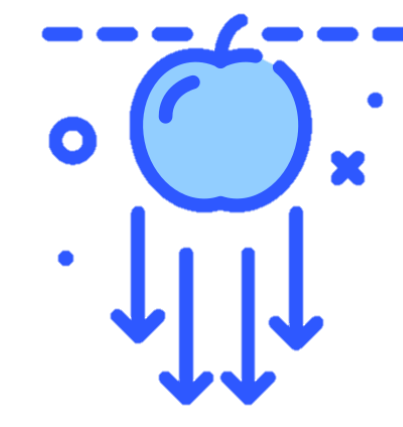
Thanks to its design, it provides protection for the head and neck area, body, and even the lower leg parts.

New generation ergonomic full body protection for ionizing radiation Research and development activities have continued since the preparation of the first prototype of ARK. The registration process of the product, which has reached the final stage of development for the final product, has been completed, and it is counting down the days to be launched in the market.



Protection Necessity

Exposure to ionizing radiation is a concern that needs to be addressed in angiography and radiology laboratories. Prolonged exposure can lead to serious issues such as cancer and genetic disorders. Therefore, individuals working in these fields need to be protected.



Why weightless?

Conventional methods used for radiation protection can impose excessive weight on the user's back, causing difficulties in concentration during prolonged procedures and leading to orthopedic diseases such as myalgia with prolonged use.

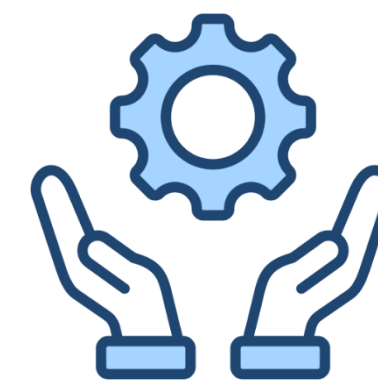
Ergonomy

The design that protects the entire body and particularly the forward-leaning design in the torso area increases the user's control during the procedure. In addition, another advantage is that the carrier mechanism arm continues from the overhead area to the back, avoiding entering the field of view.



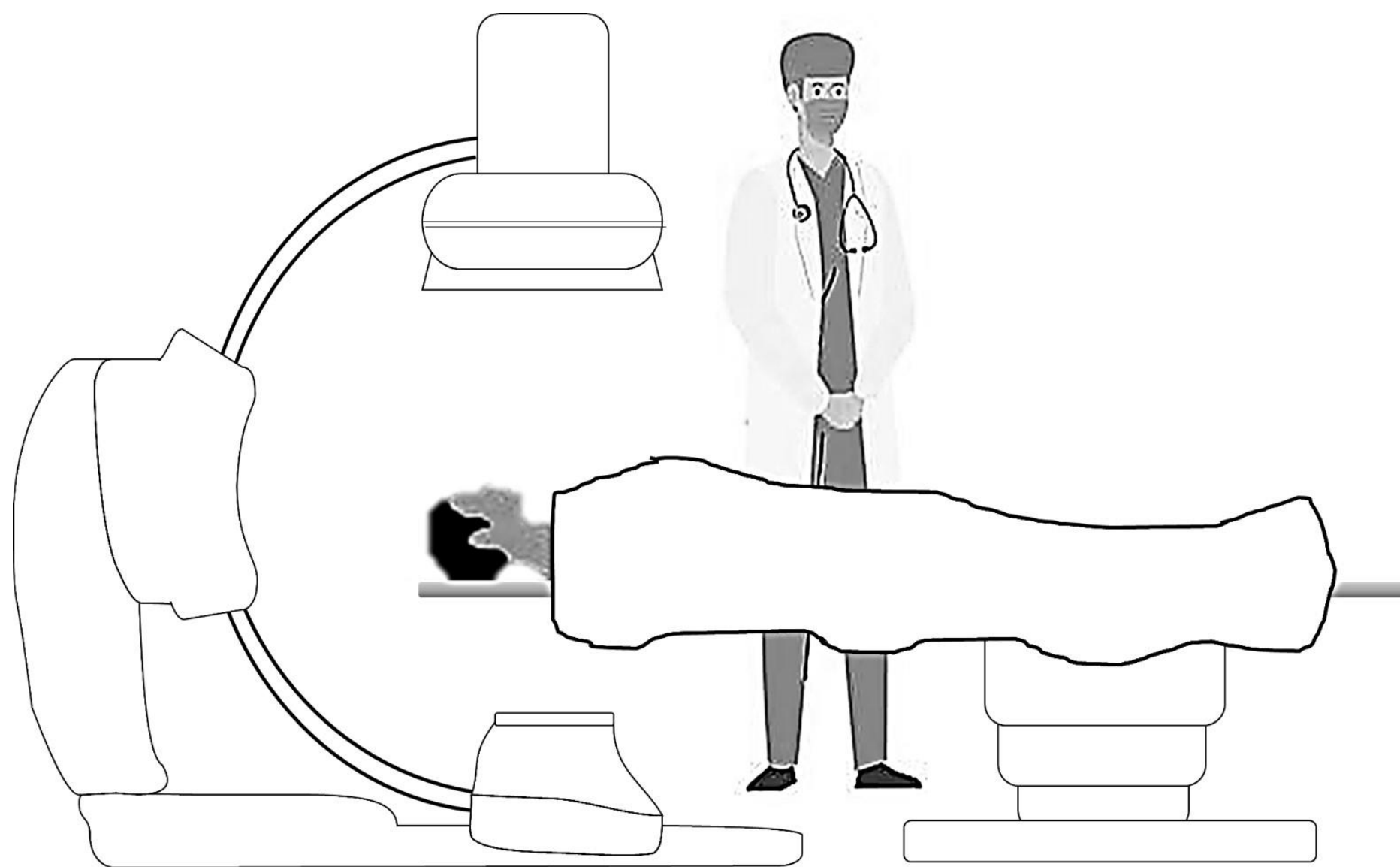
The Types of ARK

The current ARK system has both ceiling-mounted and floor-standing models available. In addition to these, development efforts are ongoing for protection systems that isolate only the collimator area and for simple type protective models with stands.

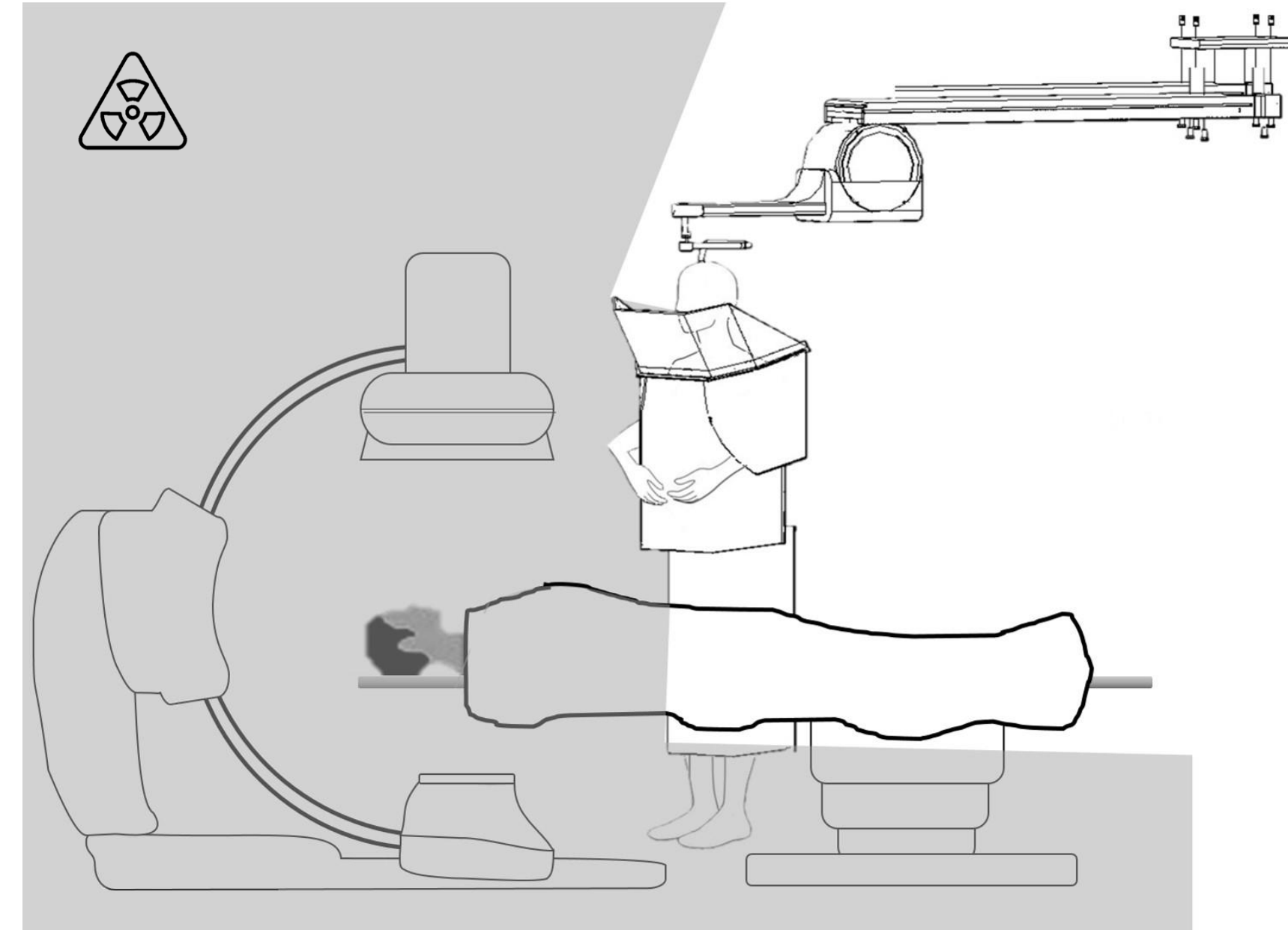


Full-body Protection

Protection provided by conventional methods causes gaps, especially in the head and neck areas. For full protection of areas where vital organs are located, ARK provides comprehensive and complete solutions.



Radiation emanating from the collimator in an unprotected environment affects all personnel in the room. Conventional protection systems provide only limited protection.



On the other hand, when the ARK system is used, full body protection is provided.

Partners in Collaboration

Partners we have worked with throughout the project

