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Horizon Healthcare
Solutions

Disposable Scattered Radiation Attenuation Drape

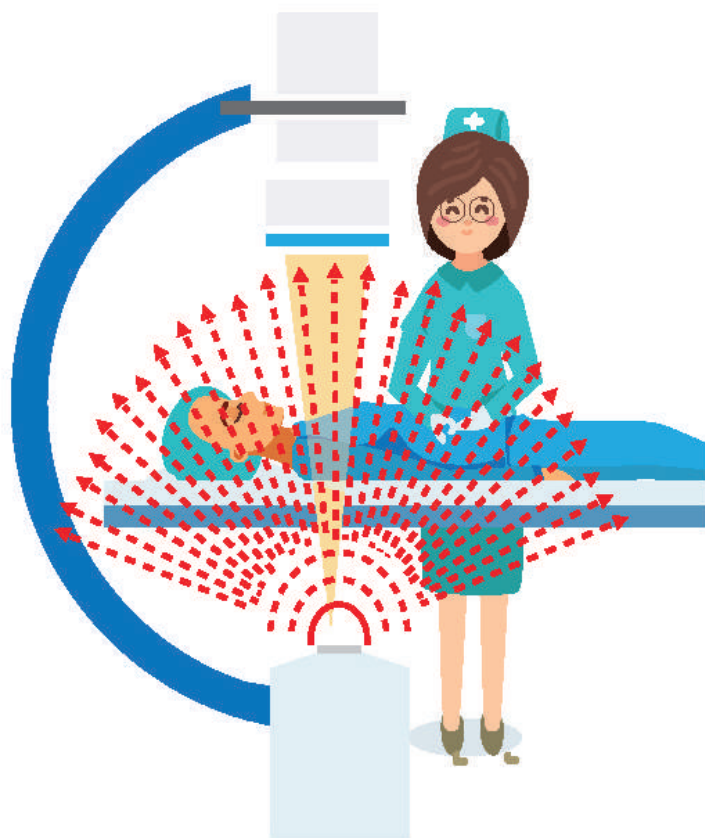
TM

= CORDON

Care for Care Givers

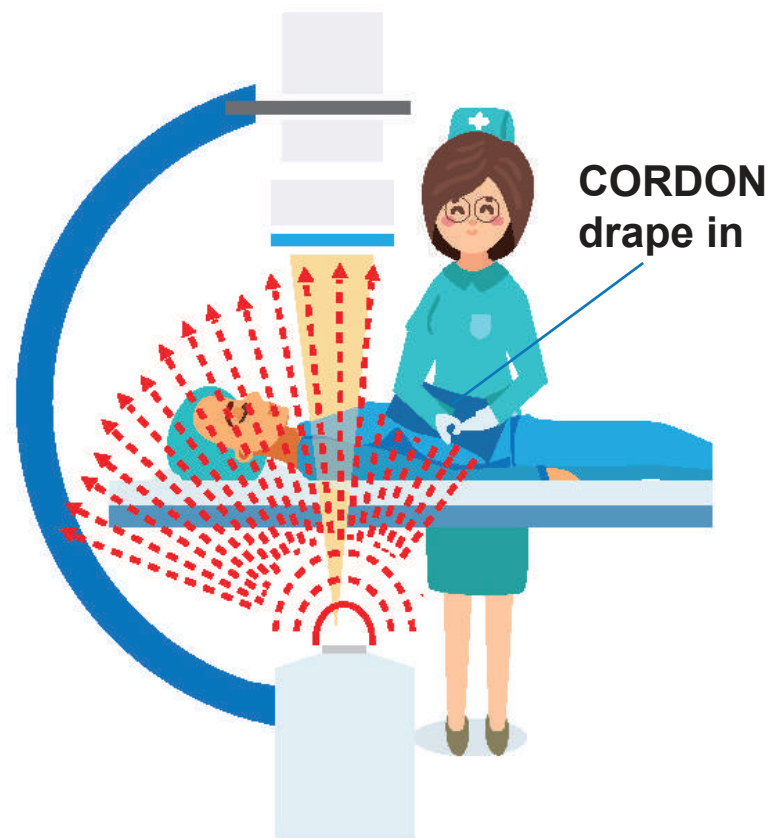
CORDON radiation attenuation drape easy-to-use solution, clinically proven, lead free, contains nontoxic material, disposal without any special protocol and procedure specifically designed to protect the operator and paramedical staff during all fluoro guided procedures. It absorbs harmful scatter radiation by creating shade zone in which physicians technicians and nurses can safely work.

Without CORDON attenuation drape



operator upper part exposed
from scatter radiations

With CORDON attenuation drape



Operators exposed part protected
by CORDON attenuation drape

Radiation in Cardiology: Can't Live without it !

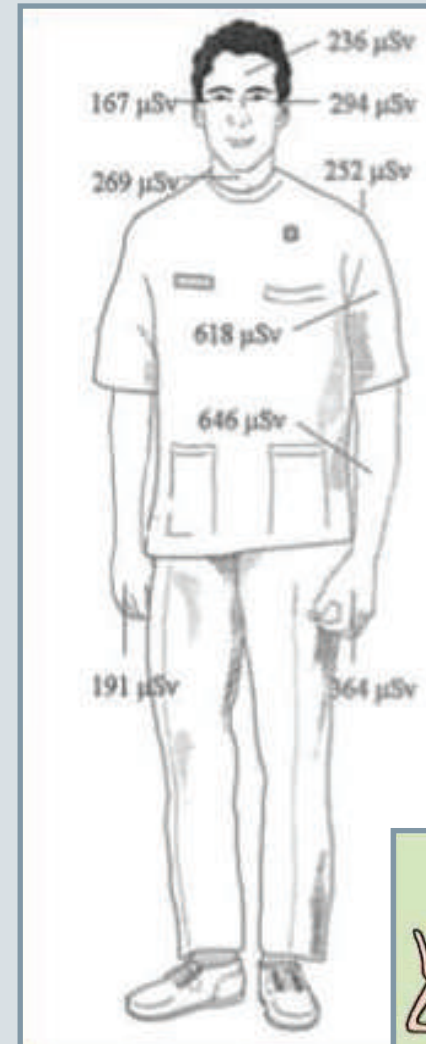
Working towards zero operator exposure



Your exposure today may not be felt for years to come.

Radiation-induced cancers have a biological latency
of more than 10 years

Radiation exposure distribution
in the interventional cardiologist.



Radiation exposure
on the **left** is **almost
double** that on the
right side



Radiation risks (Medical Team)

- Interventional operators experience the highest amount of radiation exposure of any medical professional. (Occup Med (Lond). 2010;60(6):464-9).
- An increase in the potential complexity of the interventional procedures has again increased the concern to reduce the radiation dose to the personnel. (Radiation protection by Prof. Hilde Bosmans).
- Complex international Procedures like CTO's, PTCA, LAA, TAVR, CRTD, ICD, biliary stenting, neuro interventional radiology procedures etc. are much longer and complicated thus need more tools of protection compared to conventional way of protection in lab. (Radiation protection by Prof. Hilde Bosmans).
- 'Concerns regarding (left-sided) brain cancer developing in physicians performing interventional procedures' (Am J Cardiol. 2013 May).
- 'A high prevalence of lens changes likely induced by radiation exposure...' (J Vasc Interv Radiol. Feb;24(2):197-204).



Lead/Lead free aprons protect major organs. However, they do not protect the eyes, face, hands, arms and head.

CORDON radiation Attenuation Drape is the first line of defense for exposed parts. When appropriately used it absorbs most radiation at the source. Which is scattered radiation coming from the patient's body. The cumulative effects, from scattered radiation, to the unprotected areas, from thousands of procedures are likely to impact health adversely.

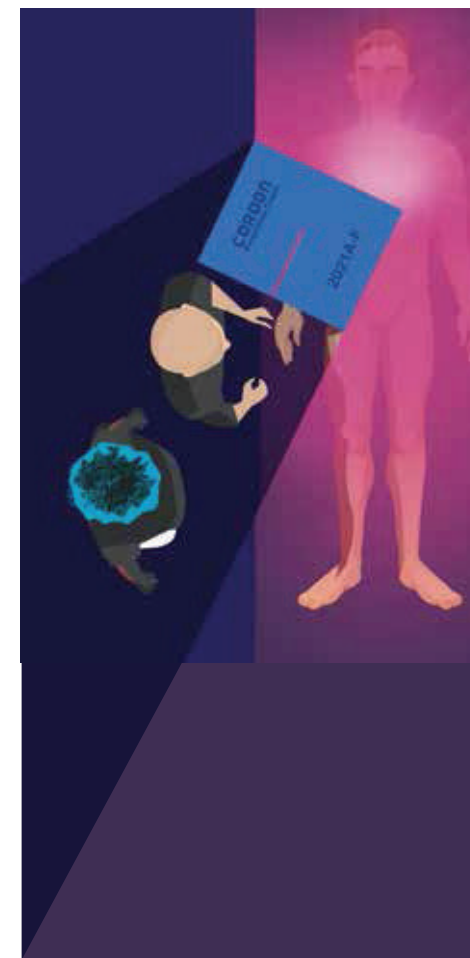
Advantages of Cordon Radiation Attenuation Drape

- Reduction of scattered radiation Exposure to primary operator $\geq 60\%$ at 90 KeV.
- Improves dose reductions well beyond conventional radiation protection methods.
- Meets ALARA (as low as reasonably achievable) principle.
- Provides critical radiation Dose reduction for the eyes, hands, arms & thyroid reduces overall body dose.
- Allows closer proximity to the patient during procedures.



Radial/Multipurpose
Attenuation Drape.

Code: 2021A-R



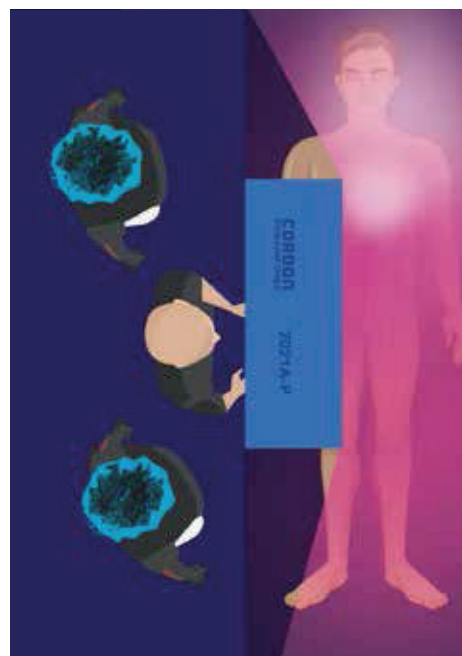
Femoral
Attenuation Drape.

Code: 2021A-F



Peripheral
Attenuation Drape.

(Code: 2021A-P)



EP subclavian
Attenuation Drape.

Code: 2021A-S



CORDON Representative's will be happy to work with you with **digital dosimeter** during your interventional procedures to demonstrate substantial scattered radiation dose and can instantly show how effective is **Cordon Attenuation Drape** in reducing your radiation exposure.



Customization:

Attenuation Drape Cord can be designed and manufactured as per your specific needs.



horizon

Manufactured By:

Horizon Healthcare Solutions

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Attenuation measurements standard IEC 61331-1:2014

Technology Support:

Worldwide Innovations & Technologies, Inc. USA
Manufacturer of **RADPAD® Protection**

BARC test certificate

