

Disposable Drapes

Disposable scatter drapes are designed to protect surgeons and technicians from scatter radiation during surgical procedures without adding extra weight. These drapes are lead-free and latex-free, offering tailored coverage for various procedures. Made from our advanced *RINGAN* core material, disposable scatter drapes provide over 20% more protection against higher radiation exposure compared to competitors. The exterior features our highly absorbent Activ material with a plastic laminated inner layer for enhanced protection. Additionally, high-quality 3M adhesive ensured that the drape remains securely in place throughout the procedure.

Shielding Efficiency : More than 60% under 80kV

Meet BS EN 61331-1:2014 test requirement for determination of attenuation characteristics of lead-free Vinyl materials using improved wide-beam geometry (Eder and Schlattl, 2018)

WORKING PRINCIPLE

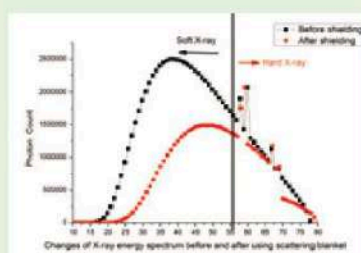
The core materials are Aluminum and Tungsten, Aluminum shields low energy soft X photons from the patient's scattering, and Tungsten shields scattered rays and secondary fluorescence.

Aluminium	13	Shield low energy soft X photons	
Tungsten	74	Shield scattered rays and secondary fluorescence	

ADVANTAGE

Reduce the radiation dose and improve clarity of medical scans during surgery

EFFECTS ON IMAGING



Changes of X-ray energy spectrum before and after using



Before



After

MUCH CLEAR

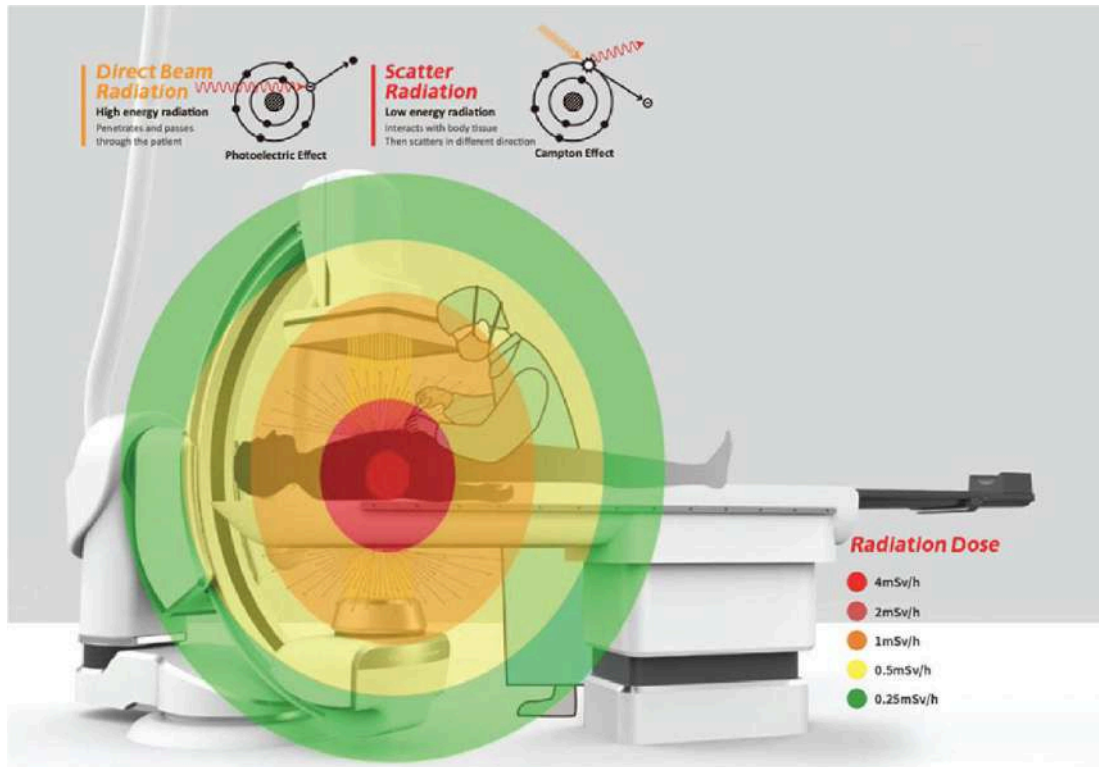
Energy	80kV
Shielding Efficiency	60%

Product Information

DISPOSABLE

www.malray.net

Through the shielding of low-energy radiation and secondary scattering X-ray, Disposable Scatter Drape can improve clarity of medical scans in interventional surgery, and effectively reduce the radiation dose received by patients, as well as can reduce the annual radiation dose of the doctors and weak protective parts, such as hands, arms, face eyes and head effectively.



Advantage



Sterile



Disposable



Light weight



Latex Free



3M Adhesive



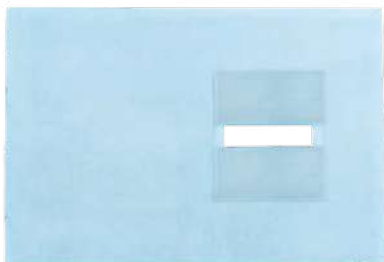
Eco-Friendly



High Absorbency

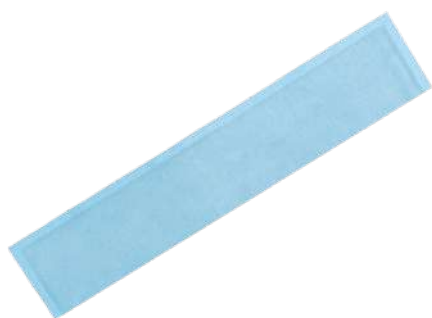


Convenient & Affordable



DIALYSIS DRAPE

CAT# : EDDSD-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 114mm x 9" Rectangle Slit
Size : 370mm x 229mm
Procedures : Dialysis access and declotting, Fistulagram



PERIPHERAL DRAPE

CAT# : EDPPD-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : None
Size : 305mm x 889mm
Procedures : Peripheral procedures w/access through the femoral artery



MULTIPURPOSE DRAPE WITH FENESTRATION

CAT# : EDMPD-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 3.5" x 2" Rectangle
Size : 350mm x 450mm
Procedures : Needle Biopsy or Puncture procedures



MULTIPURPOSE DRAPE

CAT# : EDMPD-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : None
Size : 350mm x 450mm
Procedures : Needle Biopsy or Puncture procedures



JUGULAR ACCESS / TIPSS DRAPE

CAT# : EDJUG-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 5" Slit
Size : 350mm x 450mm
Procedures : Transjugular intraheptic portosystematic shunt (TIPS)



EP DRAPE - SMALL

CAT# : EDEPD-4S
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 5.75" X 3" Scoop
Size : 280mm x 410mm
Procedures : Bi-ventricular pacemaker implants, Bi-ventricular pacing
& ICS procedures



EP DRAPE - LARGE

CAT# : EDEPD-4L
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 5.75" X 3" Scoop
Size : 410mm x 410mm
Procedures : Bi-ventricular pacemaker implants, Bi-ventricular pacing
& ICS procedures



EP LEFT SUBCLAVIAN DRAPE

CAT# : EDEPD-4
Attenuation at 90kVp : 50% / 70% / 90%
Material. : Lead Free, Latex-free
Fenestration : 3.25" X 2.25" Scoop
Size : 280mm x 410mm
Procedures : Bi-ventricular pacemaker implants, Bi-ventricular pacing
& ICS procedures



BILIARY SPLIT DRAPE

CAT# : EDBD-4

Attenuation at 90kVp : 50% / 70% / 90%

Material. : Lead Free, Latex-free

Fenestration : 5" Slit

Size : 370mm x 420mm

Procedures : Transjugular intraheptic portosystematic shunt (TIPS)



ANGIOGRAPHY DRAPE

CAT# : EDAD-4

Attenuation at 90kVp : 50% / 70% / 90%

Material. : Lead Free, Latex-free

Fenestration : 2" Circle

Size : 370mm x 420mm

Procedures : Angiography, Coronary Catheterization, UFE, Pelvic Surgery and TACE