



# 01<sub>SKIRT & VEST</sub>

**ULTIMATE PROTECTION FOR USER** 



**Opti**xx<sup>™</sup>

- Significant overlap on the front opening of the vest as well as the vest overlap of the skirt (covering the waist area) also provides added protection
- Optimised weight distribution to reduce load on back and shoulders
- Full overlap on skirt circumference for added lower body protection







- Complete overlap on the front opening as well as the vest as well as the vest overlap of the skirt for added protection
- Optimised weight distribution to reduce load on the back and shoulders
- Full overlap on skirt circumference for added lower body protection



Aprons are available in S/M/L/XL and custom sizes

### **02** DOUBLE-SIDED APRON

**ALL ROUND PROTECTION SOLUTION** 







- Full overlap in front for total protection
- Flexible belt to release load on back and shoulder



 Smart side closure to prevent accidental exposure









- Complete frontal protection
- Velcro closure
  Smart and flexible insert with
  Built-in shoulder relief pads

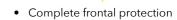




MAKING SURGERIES EASIER







<sup>•</sup> Easy drop off from under a surgeon's scrubs when removing

• Optimised weight distribution



Aprons are available in S/M/L/XL and custom sizes

### **05**customisation

#### **IDENTITY & EXPRESSION PRINTS**

We offer to print names and images, made possible by advances in print technology. We can print names of doctors or of a hospital on the apron pocket. We maintain a vast design bank of prints, which can be added, to pockets or on the front or back of aprons. You can now express yourself in your own unique way.







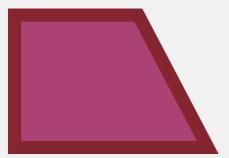




# **06** FABRICS AND COLORS

#### **VIBRANT COLORS THAT LIFT MOODS**

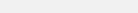
Introducing **UNITEX**<sup>TM</sup>, our safest radiation protection fabric yet. Invented to resist contaminants and woven with cutting edge technology, this fabric makes our apparel some of the safest and most reliable in the world. Better still, it is soft on the skin and doesn't wrinkle easily.



**FUSCHIA** Joyful

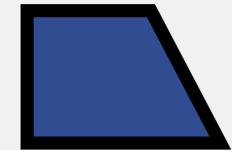


**FOREST GREEN** Natural

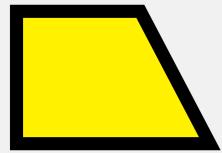




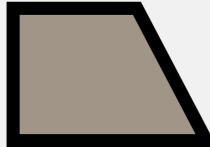
**MOUNTAIN GREY** Stable



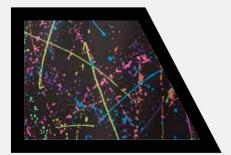
**ROYAL BLUE** Energetic



**LEMON** Cheerful



Neutral



**RETRO** Fun



HOOP Upbeat



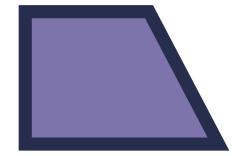
**CHERRY** Warm



**AQUA GREEN** Nurturing



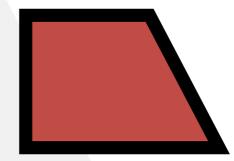
**NAVY BLUE** Classic



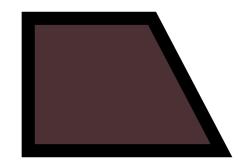
**PURPLE** Inspiring



**CAMEL** 



**RED** Dynamic



CHOCOLATE Reliable



**TARTAN** Kind



**BAMBINO** Playful

Our thyroid shields and collars are designed to be one size fits all. All our thyroid shields can be affixed to the aprons.



**BALANCE** 

Unique design to protect the thyroid & sternum



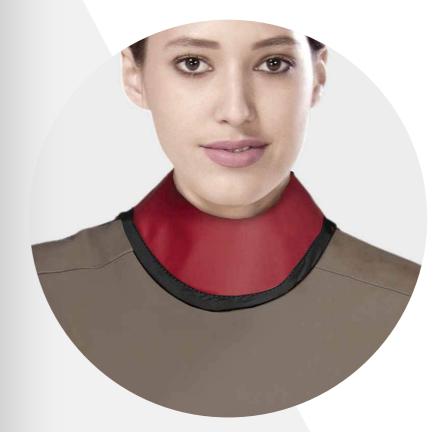
### UNIVERSAL

An all time favourite



#### **ELEGANCE**

Deep design to fit comfortably on the neck



#### UNISON

For a snug fit enabling total protection

# **08** MORE SHIELDS

PROTECTION FOR OTHER BODY PARTS



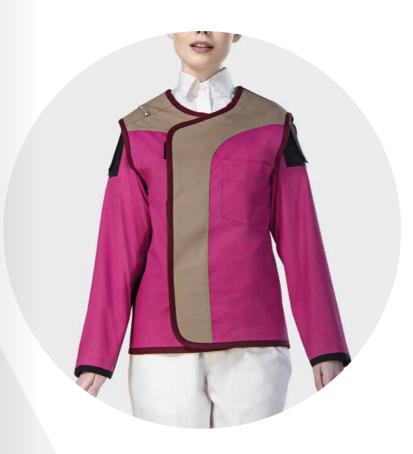
#### **HEAD PROTECTION**

For superlative protection against hair fall



#### **MITTENS**

Protect hands during procedures around scattered x-rays



#### **SLEEVES**

Sleeves save the arms from scattered radiation especially during procedures



#### **GONAD & OVARIAN SHIELDS**

Gonad Shields protects male reproductive organ Lead equivalence: 1.0 mm Pb

Ovarian Shields protects female reproductive organ Lead equivalence: 1.0 mm Pb

### **09**LOWER BODY PROTECTION

**PROTECT THE PATIENT** 



**PATIENT APRON**Protects the lower body

PATIENT SHIELD
Protects vulnerable areas

### 10 DENTAL APRON

MAKING DENTAL X-RAYS SAFE



PANORAMIC APRON

Perfect for use with the Panoramic X-ray machine



#### **DENTAL APRON**

Total protection for the patient in dentist's chair







Each disposable glove is manufactured in our bacteria-free, state of the art dipping facility.

#### ALL OUR GLOVES ARE GAMMA STERILIZED AND FEATURE:

Attenuation measurement at broad beam according to IEC 61331-1/ASTM-2547-06

| RADIATION BEAM ENERGY LEVEL | SKIN DOSE REDUCTION |       |
|-----------------------------|---------------------|-------|
|                             | PRIME               | SHEER |
| 60 kV                       | 64%                 | 43%   |
| 80 kV                       | 54%                 | 37%   |
| 100 kV                      | 48%                 | 31%   |
| 125 kV                      | 42%                 | 23%   |

### 14 EYE PROTECTION

The UniRay range of eyewear offers light comfortable frames with 0.75 mm Pb that absorb at least 99% scattered radiation.



#### **FRONT**

Globally popular model provides for perfect frontal protection





#### **MAXX 30**

A sporty model with padding on temples & bridge of the nose



#### **SPORTY**

The wrap-around style of these frames help protect the complete eye, with no danger of lateral radiation



#### **FIT OVER**

A universal solution to fit over the user's eyewear with complete clarity and protection

### 15<sub>CT SHIELD</sub>

Managing radiation doses during CT scans is key to avoid potential cancer risks and radiation damage to the sensitive tissues of the breast, thyroid gland and eyes. Our CT shields substantially reduce radiation damage and cancer risks to the most sensitive regions of a patient.



#### **EYE SHIELD**

Reduces over 60% radiation to the eye from the CT scanner



#### **THYROID SHIELD**

Provides over 65% protection to the sensitive thyroid gland and prevents tissue damage



#### **BREAST SHIELD**

Reduces cancer risk during CT scan by providing over 67% protection to the sensitive tissues of the breast

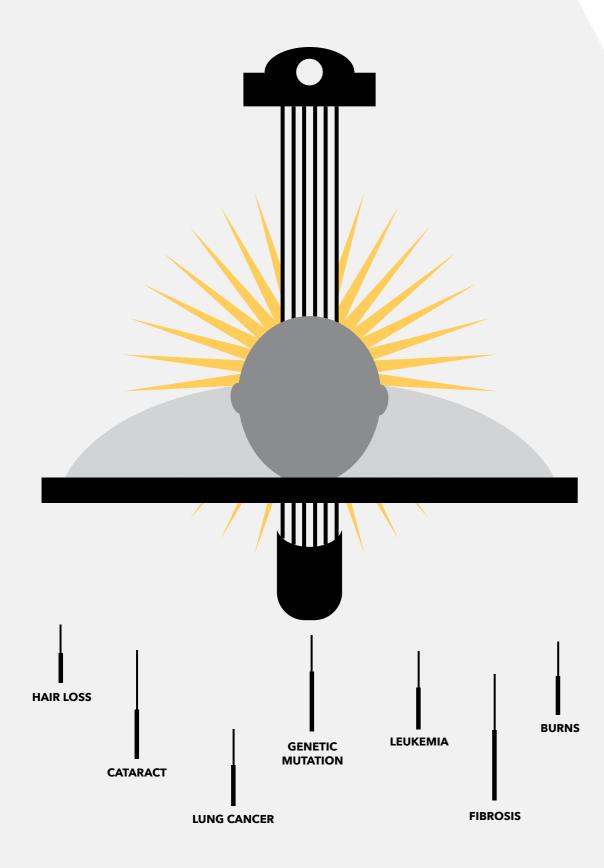


Protects children who are more sensitive to radiation than adults

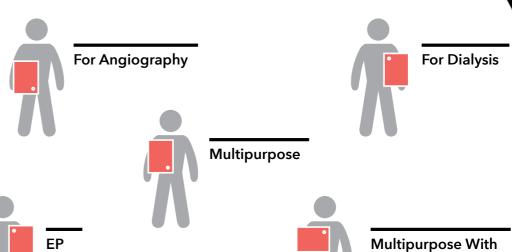
### 16 RAD BLOCK

### CONTINUOUS X-RAY RADIATION EXPOSURE EVENTUALLY EFFECTS THE PHYSICIAN

Managing occupational exposure to scattered radiation during surgical procedures, our procedure specific Drapes/Rad block protects the physician from radiation exposure.

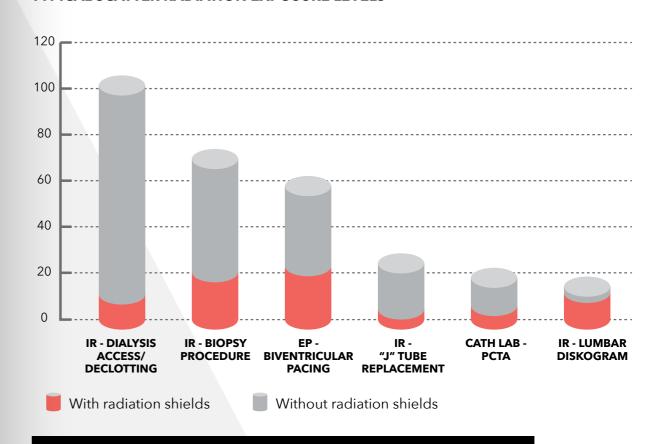






Fenestration

#### **TYPICAL SCATTER RADIATION EXPOSURE LEVELS**



#### **RADIATION ATTENUATION DATA**

Attenuation measurement at broad beam according to EN 1331-1 (IEC 61331-1/ASTM-2547-06)

| AT 90 Kv RADIATION BEAM ENERGY LEVEL |       |        |       |  |  |
|--------------------------------------|-------|--------|-------|--|--|
|                                      | LOW   | MEDIUM | HIGH  |  |  |
| ATTENUATION                          | 75.3% | 90.8%  | 95.3% |  |  |

### **17**STORAGE SYSTEMS

#### **COMPACT AND EFFICIENT**

Our perfectly crafted range of storage system

#### **MOBILE HANGERS & GLOVE HOLDERS**

- Smart stainless steel system with brakes
  Detachable hooks, glove and shield storage
  5 or 10 apron models

#### **MOUNTED WALL RACKS**

- Stainless steel swivel hangers for ease of useSpace saver racks and several models

#### **AVAILABLE MODELS**

- Wall rocks with one, two, three, and five hangersGlove holders and hooks are available for fixing on the mobile system





**2 HANGER WALL SYSTEM** 

**3 HANGER WALL SYSTEM** 





### 18 TESTING & APPROVALS

Our online x-ray testing and systematic quality monitoring systems result in a perfect product that meets and exceeds every well-known global test standard.

All UniRay protective gear corresponds to IEC 61331-3 standards. Our quality systems are assessed and certified as per the guidelines of ISO 9001:2008, ISO13485:2003.



Our products conform to stringent quality norms of CE, as specified by European Council's Medical Device Directive (MDD), contained in 93 / 42 / EEC as well as Personal Protection Equipment (PPE), contained in 89 / 686 / EEC.

### UniRay

Do connect with us and get more information about our other radiation protection products.

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