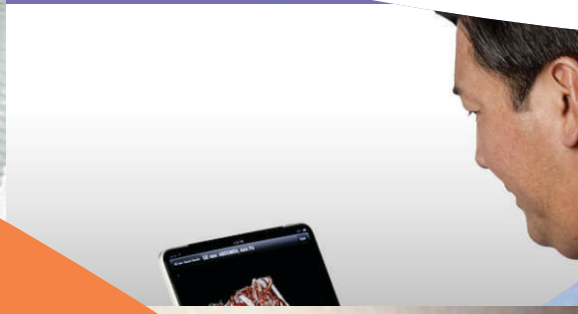
BINALI

A promise for health and life protection

BA MS BIN ALI

نعمل لحماية صحتكم وحياتكم



# RADIOLOGY PRODUCTS

# VARI-WEIGHT

Offering comfort, cost-effectiveness, and an easy on-and-off design, the Vari-Weight is our most popular radiation protection apron style. This fabric crosses your upper back then dips low to secure at your hips with a hook-and-loop fastener. This protective garment's design rests the weight securely at your waist, keeps the sleeves on your shoulders, and is simple to take on and off.

# VETERINARIAN

Fido's fur, dirt, and doggie drool wipes right off of this Veterinarian Apron. We've covered the exterior with a durable yet smooth surface that resists animal messes. Soft, 1" straps cross the back and tie securely at the waist, providing a comfortable fit for the user. And to minimize slippage off the shoulders, a hook-and-loop fastener on the shoulder pad holds the Veterinarian Apron securely in place.

# DEMI - BUCKLE

They may be Demi Aprons, but this isn't half-sized radiation protection. As shields for the loin/gonad region, these protective aprons attach to the body with a web belt with a buckle. Sizes range from small to extra-large, with lengths from 10-16", to fit patients of any age or size. Available individually or as a set of four, which can be ordered with or without an apron rack.

# DEMI - RING

Flexible vinyl covered spring steel belt - no ties or hook and loop fastener to adjust. Available individually or as a set of 4 with or without rack. 0.50mm lead equivalent.

# THYROID COLLAR, HOOK AND LOOP CLOSURE

Minimize X-ray exposure of the thyroid gland and neck with a protective Thyroid Collar. This protective Thyroid Collar features secure hook-and-loop fasteners for a snug fit and better radiation protection. Collar Covers are available to keep your thyroid collars clean and sanitary.

# THYROID COLLAR, BIB COLLAR

Minimize X-ray exposure of the thyroid gland and neck with a protective Thyroid Collar. Choose a bib collar to protect a greater area, while still receiving superior radiation protection. Collar Cover not available.

# PREGNANCY PANEL

This is a must-have item for pregnant imaging professionals. Slip the Pregnancy Panel under any protective apron, and you've just added another element of radiation protection for the baby in the mother's womb. Larger than a Patient Apron, the Pregnancy Panel's generous size takes into account the baby's growth and development at major pregnancy milestones. With the Pregnancy Panel, you won't need to spend time looking for separate pieces to use with frontal and wrap around aprons. Measures 20.5" wide by 16" long.

# OVAL GONAD SHIELD

Properly shielding the gonadal region during imaging or radiation is essential for patients of any gender. This Oval Gonad Shield Set contains three sizes of shields: small (4.5" by 5.5"), medium (6.75" by 8"), and large (7.75" by 10"). Each shield is held in place on the body with a hook-and-loop belt. For convenient storage, each shield set includes a wall hanger, which attaches to wall surfaces by hook, nail or screw.

# PATIENT APRON

Radiation protection is easy and effective with the Patient Apron. This half-apron design has a secure hook-and-loop closure that keeps the protective garment in place without slipping. You pick the apron length you desire, from 12"-24". Designed with a variety of patient body types in mind, they all come with a generous 24" width for an increased area of protection.

# SCOLIOSIS STOLE

Imaging the spinal region while protecting the breast and lungs is a snap. The Scoliosis Stole drapes over the shoulders like a scarf, making it easy to use during spinal X-rays. Get a custom fit that secures the Scoliosis Stole in place on the patient's body with a wrap-around, buckle-closure belt. Measures 14" wide by 31 1/4" long.

# DEMI APRON SET OF 4 W OUT RACK - HOOK - LOOP FASTENER

They may be Demi Aprons, but this isn't half-sized imaging protection. As shields for the loin/gonad region, these radiation protection aprons attach to the body with a hook-and-loop closure. Sizes range from small to extra-large, with lengths from 10-16" to fit patients of any age or size. Available individually or in sets of four.

# TRIANGULAR GONAD SHIELD

Supreme radiation and imaging protection for the most sensitive area of the body. Developed with male and female anatomy in mind, the 9" Triangular Gonad Shield is an excellent radiation protection complement to any protective apron. With its slightly rounded sides, the unisex design permits targeted positioning between the thighs and the pubis. A tie closure keeps the shield secure around the hips.

# ADULT BREAST SHIELDS

These Adult Breast Shields put the radiation protection where you need it during spinal imaging. Simply adjust the neck strap with its easy hook-and-loop fastener to position the shields exactly where you desire. Each set contains four sizes: two 6.75-by-8" shields, two 7.75-by-10" shields, two 9.75-by-12" shields, and two 11.5-by-14" shields.

# PEDIATRIC THYROID COLLAR

The thyroid is the master gland of metabolism and energy. Protecting it from radiation exposure is important at any age—especially for pediatric patients. Modeled after our adult version, the Pediatric Thyroid Collar's triangle shape is specially designed to shield the neck and thyroid region. Three thyroid collars per set (small 6.5" by 3"; medium 7.5" by 3.5"; and large 8.5" by 4").

Offers 50mm protection.Available only in pattern shown.

# PEDIATRIC MITTENS

When you slip your hands into these Pediatric Mittens, you'll be surrounding them with full wrap-around radiation protection. The nonslip material on the palm is soft enough to handle even the most sensitive newborn's skin. Keep your protective mittens secure with the hook-and-loop fastener wrist straps.

Offers .50mm protection.Available only in pattern shown.

# PEDIATRIC FRONTAL APRON

Here's a child-friendly protective apron that doesn't sacrifice comfort for protection. We took the features of our popular adult Standard Apron and incorporated them into a specially designed pediatric apron. Sturdy hook-and-loop fastener straps secure the radiation protection apron on the shoulders, and durable, 1" wide straps tie at the waist for a snug, comfortable fit. We've also included shoulder pads to reduce fatigue in the shoulders. This is a Bar-Ray Products exclusive! Available separately or in a set of three sizes.

# PEDIATRIC DIAPERS

Get optimum radiation protection for your infant and pediatric patients with our Pediatric Diapers. Each set comes with six diaper sizes to give more protection for the reproductive organs in patients ranging from infants to toddlers. Diaper sizes 1-6 come with each set to cover babies ranging from 8 to 35 pounds.

# HALF FACE SHIELD

Here's an economical version of our popular Panorama Shield 400 Series. Whether you're protecting your prescription glasses or simply want more face protection, this half-face shield has a wide region that surrounds the eyes and nose from radiation and liquid splashes. Make it just your fit: The .10mm lead-impregnated, acrylic, face-formed shield can be adjusted through the dual adjustable headpiece. Rotate the dials on the temples and angle the shield as you desire. Increase or decrease the hat size by adjusting the dials on the headband to give you a more secure, comfortable fit. The Half Face Shield cannot be sterilized at high temperatures or with high-pressure sterilization methods, so clean by wiping the face shield with a soft cloth and no abrasive cleaning materials. .10mm protection.

# FULL FACE SHIELD

Seeking an economical version of our Panorama Shield 450 Series? This Full Face Shield gives you the same level of chin-to-brow protection against radiation and liquid splashes. Whether you're a wearer of prescription lenses or a seeker of more radiation protection for the eye region, you'll appreciate the sturdy, .10mm lead-impregnated, acrylic, stationary face-formed shield. It extends from a headpiece brow band to provide a generous 8" area of radiation protection for the face. An adjustable strap at the rear of the headband allows you to increase or decrease the hat size to fit the dimensions of your head. The Full Face Shield cannot be sterilized at high temperatures or with high-pressure sterilization methods, so clean by wiping the shield with a soft cloth and no abrasive cleaning methods. .10mm protection.

# SURFER

All the sleek, stylish features of the Nanoliteare brought to you in the economical Surfer. Expand your radiation protection eyewear with extended lenses—no need for side shields here—coated with antireflective materials to reduce glare. Rubber temple pads keep the Surfer hanging tight on your face during procedures. .75mm protection.

# LASER EUROLITE

The Laser Eurolitewas created with visibility and protection in mind. The standard, economy safety frame design provides a large viewing area while 0.40mm lead equivalent side shields offer added protection for the sides of the eyes during use. Laser eyewear has been used extensively in medical, military, research and education, and industrial settings. Refer to the filter list below to select the appropriate filter necessary for use with your specific laser system.

Recommended for face shapes: oval, round and square.

Non-Rx only

# SURFER

Featuring a wrap-around design, the Laser Frame's lightweight yet durable nylon, economy, safety frame construction does not sacrifice comfort for protection. Rubber nose pads help cushion the eyewear on the face during use. The wide lens area offers critical protection for the sides of the eyes, eliminating the need for side shields. Laser eyewear has been used extensively in medical, military, research and education, and industrial settings. Refer to the filter list below to select the appropriate filter necessary for use with your specific laser system.
Recommended for face shapes: oval, round and heart.

# ATLANTIS

Introducing a goggle shape frame capable of holding prescription lenses. The lightweight Atlantis bears a large lens pocket for a wide viewing area—all through prescription lenses. Its neoprene foam interior lining protects the eyes against liquid splashes and sweat, while the wrap-around goggle frame offers a wide area of radiation protection. Atlantis is unlike any radiation protection eyewear we've offered. Offers .75mm protection.

# AVIATOR

Special-ops style meets the mission of radiation protection eyewear with the Aviator safety glasses. Its wide lens maintains an unobstructed field of vision while protecting the eyes from liquid splashes and radiation scatter. The Aviator's lightweight, durable, nylon protective frame is ideal for both short- and long-length procedures. Accomplish your mission in the radiology suite without strain on your eyes and nose. Offers .75mm protection.

# NO SIDE SHIELD FITOVERS

Set the side shields aside. The large, elongated lenses of the No Side Shield Fitovers maximize your peripheral vision without the need for side shields. Designed for wearing over your own prescription glasses, these protective fitovers protect your eyes from splashes and radiation exposure. An anti-reflecting coating on the protective lenses reduces glare. Offers .75mm protection.

# SURFER

All the sleek, stylish features of the Nanoliteare brought to you in the economical Surfer. Expand your radiation protection eyewear with extended lenses—no need for side shields here—coated with antireflective materials to reduce glare. Rubber temple pads keep the Surfer hanging tight on your face during procedures. .75mm protection.

# ASTRO-FLEX

Flexibility and impact resistance combine in the single-frame design of the Astro-Flex. Simply adjust the temple length and angle of the frames for a comfortable, uniform fit. The frame front rests snugly on your brow for increased frontal radiation protection. Leaded side shields provide protection from oblique radiation exposure to the eyes. .75mm protection.

# ASTRO-FLEX

Widen your range of radiation protection with the Panorama Shield 400 Series. Whether you wear prescription glasses or want to protect your eyes and nose from radiation and liquid splashes, this protective face shield is an indispensable part of your radiation protection attire. Protection starts with the .10mm lead-impregnated, acrylic, face-formed shield suspended from a dual adjustable headpiece. Adjust it to the perfect angle for you—simply rotate the dials on the temples, then adjust a second dial on the headband for a secure, comfortable fit. The Panorama Shield cannot be sterilized at high temperatures or with high-pressure sterilization methods, so clean by wiping the face shield with a soft cloth and no abrasive cleaning materials. .10mm protection.

# PANORAMA SHIELD - 450 SERIES

Protect your entire face, from chin to brow, with the Panorama Shield 450 Series. If you wear prescription glasses or want more radiation protection for your face, this face shield will do the job. The acrylic, stationary, face-formed shield has a wide 8" surface—ideal for splash protection. The face shield extends downward from a headpiece brow band, and you can use the adjustable headband strap to increase or decrease the hat size for a secure, comfortable fit. The Panorama Shield cannot be sterilized at high temperatures or with high-pressure sterilization methods, so clean by wiping the shield with a soft cloth and no abrasive cleaning materials. .10mm protection.

# ADJUSTABLE MOBILE SHIELD

All the sleek, stylish features of the Nanoliteare brought to you in the economical Surfer. Expand your radiation protection eyewear with extended lenses—no need for side shields here—coated with antireflective materials to reduce glare. Rubber temple pads keep the Surfer hanging tight on your face during procedures. .75mm protection.

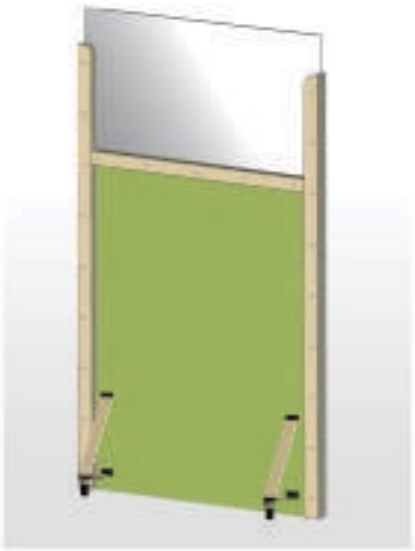
# TABLE DRAPES

Shield your lower extremities from radiation scatter with these Table Drapes. Hook-and-loop fastener attachments make these drapes a breeze to attach to any style table setup. Select from the single-sided option, or double the protection with the double-sided drapes design. When ordering, please specify the style you prefer, and for the double-sided Table Drapes, tell us your table width

# PATIENT WRAP

Wrap your patients in radiation protection. A must-have for every CT department, the Patient Wrap shields patients from unnecessary radiation exposure during CT studies. The generous-sized, 30" by 60" shield fits under and wraps around patients, enveloping them like a blanket. Hook-and-loop and strap fasteners make closing and opening the wrap around the patients a cinch. Offers .50mm lead equivalent protection.

# MOBILE BARRIER LARGE WINDOW



Move your radiation protection from room to room with the Mobile Barrier Large Window. Created for use around any imaging procedures involving fluoroscopy, X-ray, CT, and mammography, the Mobile Barrier offers 1.5mm protection throughout. With its sturdy casters, the Mobile Barrier can be effortlessly maneuvered from room to room. The sleek design features an easy-to-clean vinyl covering and a factory-installed lead glass window. Available in sizes ranging from 24" wide by 75" high to 48" wide by 84" high (with glass options ranging from 8" wide by 10" high to 36" wide by 48" high), the Mobile Barrier offers protection where it's needed. Once an order for this item has been placed, the item cannot be cancelled or returned.

# CASSETTE SLIDER

Ideal for pelvic and abdominal radiographic exams, the Cassette Slider slips underneath a patient between the sheet and a slider sheet—no need to lift the patient for placement. The durable outer covering is radiolucent and features high frequency welding material on the exterior surface, maximizing the slider's strength and water resistance. The slider accommodates a 14" by 17" radiographic cassette in either portrait or landscape orientation.

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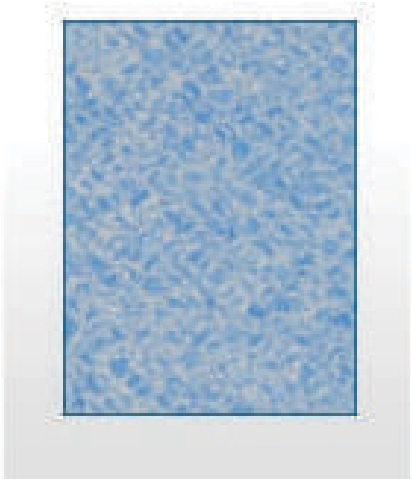
# PATIENT RESTRAINT BELT

To prevent retakes and unneccessary X-ray exposure, keep patients secure during X-ray examinations with the Patient Restraint Belt. Just wrap this generously sized 5" by 76" belt around the patient to control his or her movements during the examination. The sturdy hook-and-loop fastener won't come undone—the belt is strong enough to secure an unstable patient in a wheelchair.

# SCATPAD - MULTI-PURPOSE SHIELD NO FENESTRATION



Providing additional radiation scatter protection, the ScatPadTM is a specially designed scatter shield applicable for all interventional radiology procedures that utilize fluoroscopy. The ScatPadTM shields provide an additional element of radiation protection to complement the personal radiation apparel worn by the physician and staff.

Specific models of ScatPadTM are available for biopsy, angiography, electrophysiology, peripheral, and radial access procedures. The unique designs allow access to specific target areas while providing the physician and staff maximum protection from scatter radiation during fluoroscopy procedures. All items are packaged in a case of 10, except the two Dialysis Shields, which are packaged in cases of 15.

# MOBILE CASSETTE HOLDER

Organize medical charts and X-ray film while protecting them from bends, folds, or tears with the Chart & Film Holder. The sturdy, smoked plexiglass holder contains built-in screw holes for easy mounting on wall surfaces. Inside dimensions are 15" by 18". Clean with a soft, damp cloth.

# SPIDER RACK

With eight arms for radiation protection aprons and an optional upright glove holder attachment, the Spider Rack offers superior mobility and storage capability. The arms of the apron rack are supported with a sturdy, metal pole extending upward from the 26"-wide, five-leg, star-shaped base. Nylon casters at the base offer effortless movement across floor surfaces. Some assembly of this unit is required. Available with and without radiation glove holder attachment.

# VALET RACK

Organize up to 300 pounds of radiation protective aprons with the Valet Rack. Designed to glide smoothly across floor surfaces, the storage rack's wheels also lock in place to create a stationary storage unit. Five steel, nickel-plated hangers—durable for use with any protective apron—are included. Additional hangers can be purchased separately. Some assembly of this unit is required

# MAXI RACK

Need to store an abundance of radiation protection aprons in one place? The Maxi Rack gives you storage space to keep 10 aprons ready to wear when you need them. Sturdy, pivoting arms function like coat hangers, so that you can hang your protective aprons upright in storage. Four casters on the base roll to make the rack mobile or lock into place for fixed storage. Some assembly of this unit is requred. Ships via motor freight.

# COMPACT RACK

Give your radiation protection aprons and gloves a place of their own. The Compact Rack's wall-hugging design is perfect for hanging up your protective aprons and storing a pair of gloves in the tightest of spaces. Don't let the size deceive you; the heavy duty construction ensures your storage rack will last for years of use. Some assembly of this unit is required. Installation hardware is not included

# MICROBAR POWDER

## OVERVIEW

- It is a white heavy powder with vanilla flavour and sweet taste.
- Formulated by using coarse particles of Barium Sulphate.
- Most economical and ideal for routine examination of upper G.I. tract and follow through examination.
- Totally resistant to flocculation.
- Highly palatable with vanilla flavour.

## INDICATION

For routine study of stomach, duodenum and follow through study of small bowel.

## DESCRIPTION

White , heavy powder with vanilla flavour and sweet taste.

**PACK SIZE:** 3.5 kg HDPE jar
175 gm polyester poly, laminated pouch.

**DOSAGE:** 175 gm microbar powder mixed with 150 ml water.

## COMPOSITION

100 gm contains:
Barium Sulphate B.P. 92 gm
Palatable base q.s. 100 gm

# MICROBAR SUSPENSION

## OVERVIEW

- The only liquid preparation for the routine study of upper G. I. tract and follow through examination.
- Smooth creamy suspension of coarse particles of Barium Sulphate.
- Totally resistant to flocculation.
- Excellent flow and perfect adhesion gives accurate diagnosis.
- Highly palatable due to non gritty texture.
- A smooth pink coloured sweet suspension with fruity flavour.

## INDICATION

For routine study of stomach, duodenum and follow through study of small bowel.

## DESCRIPTION

A smooth pink coloured sweet suspension with fruity flavour.

**PACK SIZE:** 1 litre HDPE bottle
150 ml HDPE bottle

**DOSAGE:** 1 litre HDPE bottle
150 ml HDPE bottle.
Remaining 120 ml mixed with 80 ml of water is administered orally for complete study of stomach, duodenum and follow through examination.

## COMPOSITION

100 ml contains:
Barium Sulphate B. P 95gm
Palatable base q.s. 100 ml

# MICROBAR - HD

microbar®

## OVERVIEW

- Specifically designed for double contrast radiography of stomach and suodenum.
- Gives 200% W/V density while remaining fluid.
- Higher surface area of stomach after distension requires more Barium to coat completely.
- Highly stable against stomach acids.
- Excellent mucosal details by uniform coating.
- Highly palatable due to non gritty texture and fruit flavour.
- Pink coloured heavy powder with fruit flavour and sweet taste.

## INDICATION

For double contrast radiography of stomach and duodenum.

## DESCRIPTION

Pink coloured heavy powder with fruit flavour.

## PACK SIZE:

300 gm, 320 gm, 340 gm and 500 gm HDPE glass.
3.5 kg and 11.3 kg HDPE jar..
25 kg and 50 kg fibre drum.

**DOSAGE:** 300 gm mixed with 70 ml of water to get 150 ml of high density low viscosity suspension (200% w/v).

## COMPOSITION

100 gm contains:
Barium Sulphate B. P. 95 gm
Palatable base q. s. 100 ml

# MICROBAR PASTE

## OVERVIEW

- It is a smooth pink coloured sweet mobile paste.
- Contains coarse particles of Barium Sulphate.
- Perfect mobility helps obtain clear contours.
- Ideal for x-ray diagnosis of pharynx and oesophagus.
- Highly palatable with pleasant fruit flavour.
- Ready to use, easy to squeeze and administer.

## INDICATION

For x-ray diagnosis of Pharynx and oesophagus.

## DESCRIPTION

Smooth pink coloured sweet mobile paste with fruity flavour.

## PACK SIZE:

200 gm collapsible laminated tube.

**DOSAGE:** 100 gm microbar paste.

## COMPOSITION

100 ml contains:
Barium Sulphate B. P. 100 gm
Palatable base q.s. 100 ml

# MICROBAR CAT

## OVERVIEW

- Ready to use suspension.
- Only oral contrast for opacification of the gastrointestinal tract for whole body
- CT scan.
- Produces high quality contrast results with no artifacts.
- Provides clear delineation of small bowel loops from tumor masses.
- No pharmacological activity or therapeutic effect.
- • Can be safely used in patients where iodine ompounds are contraindicated.
- Highly palatable with orange flavour.

## INDICATION

For opacifying the entire gastrointestinal tract for whole body CT scan.

## DESCRIPTION

An orange coloured sweet suspension with orange flavour.

## PACK SIZE:

1 litre HDPE bottle.

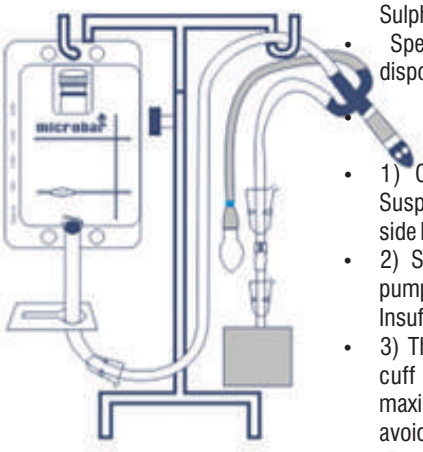
**DOSAGE:** One litreis administered orally for opacification of entire gastrointestinal tract.

## COMPOSITION

100 ml contains:
Barium Sulphate B. P. 1 gm
Palatable base q. s. 100 ml

# MICROBAR FOR ENEMA KIT

microbar®




## OVERVIEW

- Enema bag contains 400 gm/454 gm powder formulated by using coarse particles of Barium Sulphate.
- Speed and convenience with an easy to use, disposable one step system.
- Flexible seamless "three way passage" nema nozzle:
- 1) One passage for easy flow of Barium Suspension through non - kink tubing and multiple side holes at the tip of the nozzle.
- 2) Second passage with non- return valve for pumping required air, into large bowel using Air-Insufflator.
- 3) Third passage for inflating non latex retention cuff using one- shot- inflator which has a maximum air displacement volume of 100 c.c. avoiding over inflation.
- Economical as reusable, "One-shot-inflator" and "Air-insufflator" are marketed separately.

## INDICATION

For X-ray diagnosis of large bowel.

## DESCRIPTION

White heavy powder.

## PACK SIZE:

400 gm/454 gm PVC prefilled bags with tube ending with a three way passage nozzle.

## DOSAGE:

400 gm/454 gm "microbar for Enema"powder mixed with desired quantity of water to attain required density, is administered depending on size of patient.

## COMPOSITION

100 gm contains:
Barium Sulphate B. P. 92 gm
Base q. s. 100 gm

# MICROBAR - RT

## OVERVIEW

- Only oral contrast for "see through" small bowel studies at 15% w/v concentration with Rapid Transit.
- Excellent flow and perfect adhesion gives accurate diagnosis.
- Patient's acceptance is assured by its non gritty texture and fruit flavour.
- Ensures unexcelled mucosal details by uniform coating.
- Reduction in cost of films and radiation.
- Pink coloured heavy powder with fruity flavour and sweet taste.

## INDICATION

For see through study of small bowel. Entire study can be completed in 20-25 minutes.

## DESCRIPTION

Pink coloured heavy powder with fruit flavour and sweet taste.

## PACK SIZE:

125 gm polyester poly, laminated pouch.

## DOSAGE:

125 gm mixed with 700 ml of cold water.

## COMPOSITION

100 gm contains:
Barium Sulphate B. P. 90 gm
Palatable base q. s. 100 gm

# MICROBAR - CAT2

## OVERVIEW

- Convenient low volume suspension containing 7% w/v Barium Sulphate.
- Can be diluted to 1% w/v or 2% w/v concentration.
- Precise CT scan imaging.
- High quality contrast with no artifacts.
- Can be safely used including patients where iodine compounds are contraindicated .
- No pharmacological activity or therapeutic value.
- Highly palatable with mix flavour of Pineapple and Raspberry.

## INDICATION

For opacifying the entire gastrointestinal tract at 1% w/v or 2% w/v concentration Barium Sulphate for whole body CT scan.

## DESCRIPTION

Orange coloured sweet suspension with mix fruit flavor of Pineapple and Raspberry.

## PACK SIZE:

150 ml HDPE bottle

## DOSAGE:

150 ml of microbar - CAT2 diluted with water is administered at 1% W/V or 2% W/V density as desired.

## COMPOSITION

100 ml contains:
Barium Sulphate B. P. 7 gm
Palatable base q. s. 100 ml

# IOHEXOL INJECTION

Iohexol is the world's most used iodinated contrast agent in clinical imaging. It is a low osmolality, non-ionic contrast agent with the best safety profile in its class evidenced by more than 30 years of clinical imaging practice.

**Iohexol 300mg iodine/ml**
Glass vials of 50ml and 100ml (supplied in 10 vials/box)
Produced in EU, Approved in EU, CPP available.

**Composition**
Contains,Iohexol (active subtance) with the following excipients in small amounts: trometamol; sodium calcium edetate; HCL and NAOH (pH adjustment).

**Dosage**
The product is available in the two most used concentrations 300 mg Iodine/ml and 350 mg Iodine /ml.

**Indications**
X-Ray / CT contrast medium ( solution for injection) with a very broad clinical indication for diagnosis with X-Ray technology.

**Package**
All dosages are available in type 1 glass vials of 50 ml and 100 ml with standard or hanger label in packs of 10 vials.

# GADOPENTETATE DIMEGLUMINE

**Composition**
Contains, gadopentetatedimeglumine (active subtance) with the following excipents in small amounts:
Meglumine and pentetic acid (DTPA).

**Dosage**
469 mg of gadopentetatedimeglumine per ml.

**Indications**
MRI contrast medium (solution for injection) with a very broad clinical indication for diagnosis with MRI technology.

**Package**
The product will be available in type 1 glass vials of 10 ml, 15 ml and 20 ml.

X-ray viewer
Please find the attachment.

# MEDICAL RECORDING CHARTS

Our medical recording charts line covers a wide range of products for any kind of recording instrument used in the medical, diagnostic field, and laboratory analysis.

In order to face the request of very dynamic market, for which flexibility, quality and on time deliveries is the main concern, Pirrone& Co. created a wide assortment of recording charts available from stock.

**ECG:** Different sizes either in rolls and fanfolds for Electrocadiography, intensive monitoring, stress test system

**CTG:** Different sizes either in rolls and fanfolds for cardiotocography, foetal and gynaecological monitoring

**ELECTROPHORESIS:** Fanfols rolls and sheets for electrophoresis and any need for laboratory analysis

# ECG ELECTRODES

Pirrone & Co. offers a wide assortment of ECG disposable electrodes manufactured according to EEC directive 93/42 and ANSI/AAMI performance specifications

Eurotrodepregelled single use electrodes are specific for any ECG monitoring procedures such as short, medium, long and stress test; available also for RMN and X-RAY procedures

Eurotrode are easy to apply and remove, latex free, not irritating, manufactured with highly conductive and hypoallergenic gel, both solid and liquid, and with strong but skin-friendly adhesive.

Eurotrode is available in adult, pediatric and neonatal, in different sizes, round, oval and rectangular shape and manufactured with different materials such as foam, TNT, and microporehypoallergic and non-irritating materials

# PRINT MEDIA AND PRINTERS

Pirrone offers a complete assortment of medical imaging products and ultrasound printers and papers, either original or equivalent brand COMPAT-One media, for the most common printers on the market such as Sony. Mitsubishi, Kodak and Codonics

# ELECTROSURGICAL PLATES

Safety in Electrosurgery

Pre-gelled Electrosurgical Grounding Plates

An innovative GEL together with a low impedance and a good foam flexibility grant very good results and an excellent operating security

# GEL FOR ULTRASOUND AND ECG

**ECOULTRAGEL for Ultrasound**

The conductor gel ECOULTRAGEL is particularly studied and recommended for any diagnosis and therapy where the ultrasound transmission is needed.

- Perfect acoustic transmission
- Completely water soluble
- Salt free, to avoid damages on the probe
- Not irritating
- Not-greasy
- Latex free
- Certified Not Cytotoxicity, tested and issued by primary Italian University Laboratory
- Class I device

ECOULTRAGEL is available in the following packaging, also in transparent color:

250 gr (boxes of 56 bottlles)
1 Kg (boxes of 20 bottles)
5 Lt ( 4cubitainer in single box + 4 empty bottles + pouring spouts)
ECG – EEG Gel and Cream

Pirrone electro-conductive gel and cream particular composition makes it perfectly suitable for ECG and EEG , on short and long term procedures.

- Completely water soluble
- Hypoallergenic
- Salt free
- Latex free
- Non-greasy
- Not- irritating
- Does not oxidize
- Does not damage the electrodes
- Does not leave residues

ECG and EEG gel and creams are available in the following format:

260 ml, Gel salt free (56 bottles per box), for ECG procedures
260 ml, with salt (56 bottles per box), for ECG and EEG procedures
260 ml, Cream, salt free (56 bottles per box) for ECG procedures
" EasyEndo" LUBRICATING GEL

New water-soluble gel, which thanks to it's formula, it's particularly suitable for endoscopic use.
It's high transparency makes it suitable to avoid alterated images of endoscopic equipments.

- Reduces traumatic endoscopic procedures
- Water-soluble
- High viscosity
- Latex free
- Transparent gel
- Biocompatibility tests: Patch Test and Citotoxicity certified
- Available in the following packaging:

100 ml PE tube, in single cardboard case, 24 cases per box

# PATIENT MONITORING

**Compatible sensors for all types of pulse oximeter**
Sensors, adapters and extensions of the same quality and comfort as those of leading manufacturers

**Reusable SpO2 finger sensor**
The finger sensor is designed for multiple uses and adapts to a wide type of patient(adult and pediatric).

**Disposable Finger Sensor**
This adhesive sensor, manufactured in micro foam, is available in 4 sizes: adult, pediatric,neonatal and child.

**Flexible sensors**
Soft sensors are designed for multiple uses for eitherponctual measures or in the case of continuous monitoring. Two sizes are available. Sensors for obese children and sensors for children aged two years and more.

**Ear Sensors**
The ear sensor is designed for patients with low blood circulation and when the use of finger sensors is not possible. It is specially indicated in tests where the patient will have to move.

**Sensor SpO2 in Y**
This reusable sensor with two flexible arms is studied for a very wide range of applications.

**Adapters and extensions**
Our adapters and our extensions allow greater flexibility in the use of your poulseoximeter.

# *Revolutionizing your radiation monitoring program*

Featuring
instadose
BY QUANTUM PRODUCTS

# Instadose Dosimeter- Instant. Precise. Portable.

The instadose dosimeter brings radiation monitoring into the digital age. Smaller than a flash drive, this rugged dosimeter provides immediate dose readings when connected to any computer with internet access.

Based upon patented direct ion storage technology, the instadose device includes access to each users historical and current exposure readings. There is no need to send badges to a processing center, simplifying administration and reducing costs.

Benefits for your facility include:

- Lower limit of detection: 1 mrem
- Pulse radiation response
- Unlimited reads
- Online badge reassignment
- NVLAP accredited
- NO badge collection
- NO battery replacements
- NO annual calibration

To open your device, hold the clip and turn 180 degrees to either side to extend the USB connector.

## HOW THE DEVICE WORKS

This breakthrough technology provides radiation workers with a precise measurement of radiation dose and includes accurate long-term exposure tracking. A built-in memory chip stores each users identity via an embedded unique serial code that is assigned to the user.

Instadose dosimeters provide users with the flexibility to view radiation dose at any time from any computer with internet access. Readings via a PC are enabled by a USB compatible detector. Before use, each device must be registered at: www.com. During the registration process, the instadose driver and client are installed on the users computer and the device is initialized for use.

When a user wishes to obtain a reading he or she simply logs-in to his or her account, and [clicks] Plug in your instadose device now and click here to get an instant reading. The accumulated dose stored on the device processes through a proprietary algorithm. This fully automated transfer of data minimizes the chance of human error and misidentification. Once complete, a graphical representation of the current dose displays on the screen. The user can then [click] View Cumulative Dose to receive cumulative dosage information.

A variety of reports are available to view and download.

To generate a report, a user must first select the start and end periods. To further customize the report a user can select a specific person, group or location. Once the selection process is complete and Run this report is [clicked] a new window will open with the results of the report shown. Users can print or download reports into excel, PDF, Power Point, RTF , or Fully Editable RTF files.

## SECURE ONLINE ACCOUNT MANAGEMENT WITH AMP

AMP (Account Management Program) is a revolutionary solution to providing secure online account management. Its fast, simple, and free!

With AMP, account administrators can manage all the elements of a radiation monitoring program online anytime, from anywhere. From account administration to managing individual wearers and devices, AMP provides real time access to account details, device assignments, reports, and all pertinent account information.

Account management features available with AMP include:

- Device Registration
- Manage Accounts
- Manage Devices
- Manage Locations
- Manage Users
- Order and Payment History
- Audit Logs

Access to some of these areas is limited based on role assignment, this is very important to keep in mind when creating or editing users within your account.

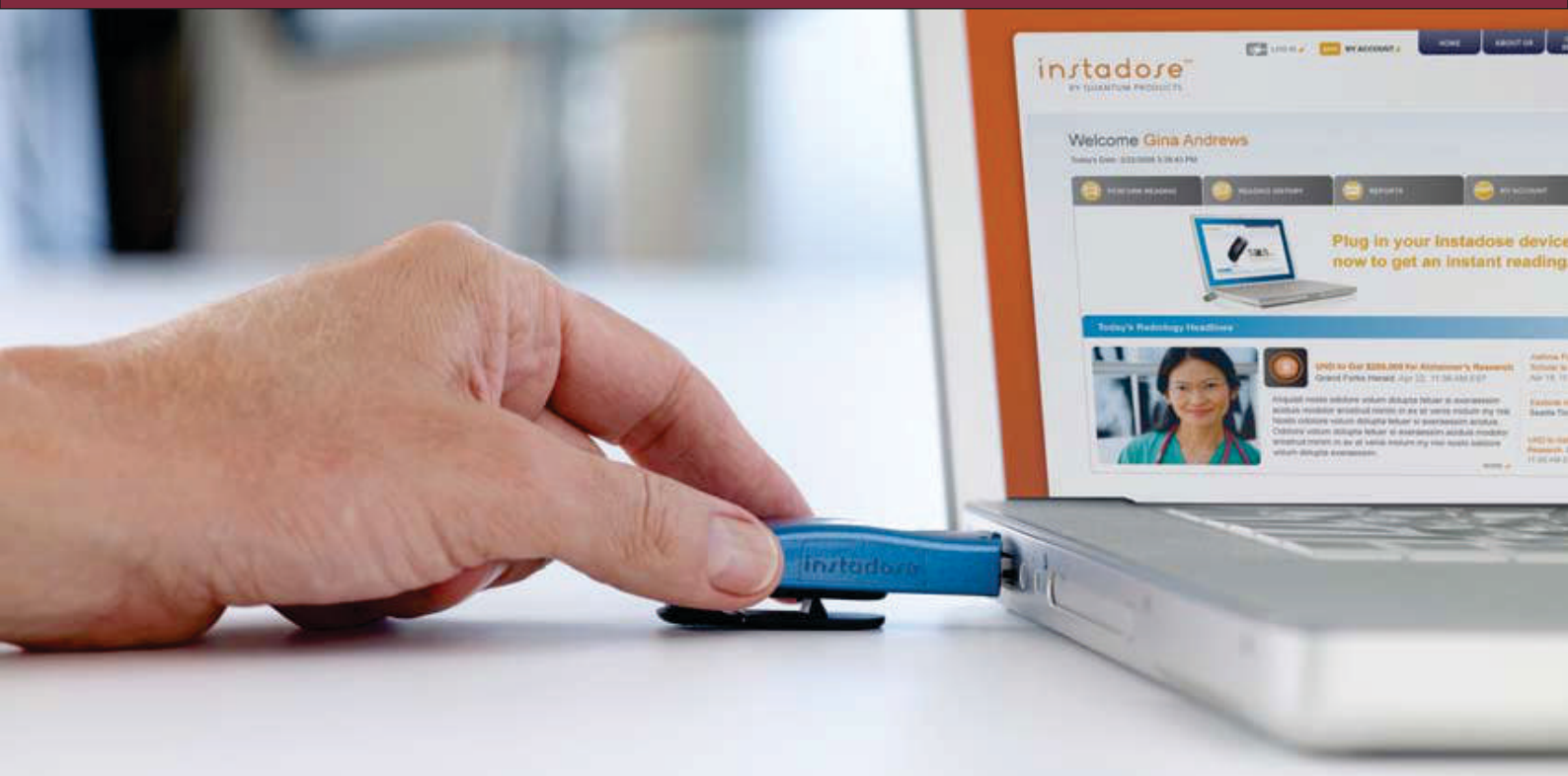
The roles you can choose to assign and function availability include:

***Administrator:*** Full access to all functions on the site. From placing orders, performing readings for devices, running reports, creating/deactivating locations and users, to registering and initializing devices.

***Location Admin:*** Access to functions on the site are limited to the assigned location. A Location Admin may not create new locations. They can place orders, perform readings and run reports for devices within that location, edit or add users within the location, and register and initialize devices for that location.

***Group Admin:*** Access to functions on the site are limited to the assigned group within a location. A Group Admin may not create new locations or edit the location they are assigned to. They can place orders, perform readings and run reports for devices within that group, edit or add users and register and initialize devices for the group under the location.

***Wearer:*** Limited access to functions on the site. A Wearer can perform readings on devices assigned to them. Reports will only contain their data. Wearers can also update their e-mail, phone and password.



## TECHNICAL SPECIFICATIONS

| | |
|---|---|
| Minimum Reportable Dose | 3 mrem (0.03 mSv) |
| Lower Limit of Detection | 1 mrem (0.01 mSv) |
| Useful Dose Range | 3 mrem - 500 rem<br>(0.03 mSv - 5 Sv) |
| Energy Response | Photon 15 keV - 6 MeV |
| Accreditations/Approvals/ Licenses | NVLAP (Code: 100555-0)<br>HSE (United Kingdom) |

## REPORTING OPTIONS

A variety of reports are available for download through AMP (Account Management Program).

The reports include:

- Radiation Exposure Summary Report
- History Detail Report
- Employee Reading Status Report

## RADIATION EXPOSURE SUMMAR Y REPORT

**Radiation Exposure Summary Report**

instadose™ BY QUANTUM PRODUCTS

**Account Number:** 343
**Location:**
**Report Date/Time:** 6/24/2009 1:33:22 PM

| | | | | | Monitoring Period | | Dose Reported in Units of mrem | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | QTD | | YTD | | Lifetime To Date | | |
| User Id | Name | Serial Number | Body Region | Number of Reads | First Read Date | Last Read Date | Deep (WB) | Shallow (Skin) | Deep (WB) | Shallow (Skin) | Deep (WB) | Shallow (Skin) | Inception Date |
| 679 | Croxson, Kimberly | 5778 | | | | | | | | | | | |
| 679 | Croxson, Kimberly | 5778 | Torso | 23 | 04/06/2009 | 06/22/2009 | 110 | 110 | 110 | 110 | 110 | 110 | 04/06/2009 |
| 675 | Smith, Mike | 5793 | Torso | 28 | 03/31/2009 | 05/19/2009 | 0 | 0 | 0 | 0 | 0 | 0 | 03/31/2009 |
| 675 | Doe, Jane | 5778 | Fetal | 1 | 05/27/2009 | 05/27/2009 | 0 | 0 | 0 | 0 | 0 | 0 | 05/27/2009 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 |

*Accredited by the National Institute of Standards and Technology through NVLAP for the specific scope of accreditation under lab code 100555*

**SEE LAST PAGE FOR COMPLETE REPORT DETAILS BY COLUMN NUMBER**
**IT IS RECOMMENDED THAT YOU KEEP THIS REPORT FOR YOUR RECORDS**

P.O. BOX 16451
IRVINE, CA 92623
U.S./CANADA: 800.369.9686
www.instadose.com

## HISTORY DETAIL REPORT

**HISTORY DETAIL REPORT**

instadose™ BY QUANTUM PRODUCTS

**Account Number:** 343
**Report Date/Time:** 6/24/2009 1:32:23 PM

| | | | | | | Dose Reported in Units of mrem | |
|---|---|---|---|---|---|---|---|
| Location | Name | User Id | Serial Number | Body Region | Read Date/Time | Deep (Whole Body) | Shallow (Skin) |
| Main | Croxson, Kimberly | 679 | 5778 | | 5/28/2009 1:44:26 PM | 0 | 0 |
| Number of Reads: 1 | | | | | Total: | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/22/2009 10:26:50 AM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/10/2009 4:17:04 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/9/2009 1:49:35 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/8/2009 3:34:57 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/8/2009 10:18:46 AM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/5/2009 4:57:34 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 6/1/2009 9:44:00 AM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/29/2009 2:47:16 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/29/2009 10:58:46 AM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/28/2009 1:45:57 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/27/2009 10:20:31 AM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/18/2009 12:48:28 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/6/2009 3:59:49 PM | 0 | 0 |
| Main | Croxson, Kimberly | 679 | 5778 | Torso | 5/5/2009 9:09:17 AM | 110 | 110 |
| Number of Reads: 14 | | | | | Total: | 110 | 110 |
| Main | Doe, Jane | 675 | 5778 | Fetal | 5/27/2009 10:25:00 AM | 0 | 0 |
| Number of Reads: 1 | | | | | Total: | 0 | 0 |
| Main | Smith, Mike | 675 | 6793 | Torso | 5/19/2009 1:30:40 PM | 0 | 0 |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |

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