



K R I S H
BIOMEDICALS PVT. LTD.

An ISO & CE Certified Company

KBS has an expansive range of Reusable Surgical Fabrics and Garments to combat the spread of Health Care Acquired Infections (HCAI).

- Re-usable Virus Barrier Fabric
- Re-usable Blood / Stain Proof Fabric
- Re-usable Anti Microbial Fabric



DISINFECTING TEXTILE TECHNOLOGY

HAIS- DEADLY KILLERS

- ◆Nosocomial or Hospital Acquired Infections (HAIs) account for over 20% of post admission infections in hospitals
- ◆Fatality rate of over 40% worldwide
- ◆95% rise in pneumonia, blood and wound infections in last 10 years in India- cannot be cured by last resort drugs

MRSA- THE DEADLIEST KILLER

- ◆Various estimates indicate that over 35% of patients in post operative care contract diseases related to MRSA or MDRO
- ◆Detailed Studies and statistics on deaths related to MRSA and MDRO are not yet available in India
- ◆In Europe and USA deaths exceeded 18,000 each year
- ◆Duration of stay in hospitals is extended by upto three weeks
- ◆In USA, nosocomial infections are no longer covered by insurance will soon happen in EU and India too

AVAILABLE SOLUTIONS

- ◆Hand hygiene dispensers
- ◆Sterilization
- ◆Air filtration
- ◆Disposable surgical instruments
- ◆Walls and ceilings washed/disinfected regularly

BUT WHAT ABOUT SUPERBUGS TRANSMITTED BY TEXTILES?

- ◆Staphylococcus, aureus (MRSA) was found in an isolation ward on
 - *Care Workers uniforms (15%)
 - *Cotton Coats(12.6%)
 - *Plastic Aprons(9.2%)
- ◆A study by a leading scientist of Simmons College demonstrated that the community acquired 'superbug' CA_MRSA/MDRO is significantly transmitted by clothing and other household fabrics used in health care facilities, homes, schools, sports teams and prisons.

WHY TEXTILES ARE SO CRITICAL

- ◆Disposables are expensive and harsh on the environment
- ◆Plastics are uncomfortable and not breathable
- ◆Curtains are not washed regularly
- ◆Mattresses are not changed and are a hot-bed of infections
- ◆HCWs, patients and visitors are in danger and are also carriers
- ◆Operation theatres and ICUs are major worry.

BENEFITS

- ◆Kills: 99.99% of major harmful bacteria and viruses on textiles under normal conditions
- ◆Non Staining: Fluid repellent finish keeps away blood, urine and other stains
- ◆Non-Linting: Drastically reduces contamination in clean environments- eg: ICU
- ◆Comfortable: Sweat absorbent and breathable fabric
- ◆Environmentally Friendly: Fully washable and reusable



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