



ICHANGE, Inc.
Presents

The Truth About Masks

Current Drawbacks of Personal
Protective Equipment (PPE) and the
Benefits of Merging Specialty Textiles
Into the Medical World.

1920 to 2010...

90 Years Of Evolution



Bad News

- Stronger, deadlier viruses are developing
- Difficulty in making sure everyone is protected with suitable gear that fits
- High costs of fit testing
- Misconceptions and beliefs
- Time lost

Bad News

- The divide between NIOSH and FDA
- Performance of N95 masks over surgical masks is uncertain
- More research needed
- Test methods for N95 gear are outdated and ineffective in real life scenarios
- High risk factor of face and neck exposure
- Storage

Possible Ways of Infection

- Sneezing
- Coughing
- Touching
- Breathing
- Bleeding-Blood splatter
- Open cut or Abrasion
- Ingestion
- Patient to Doctor- Patient to Patient
- Sharp Objects-Needle-Sharpies

Good News

- New technology is available
- Less need for storage
- Time saved
- Comfort and availability
- Waste levels would drop dramatically
- Washable and Reusable

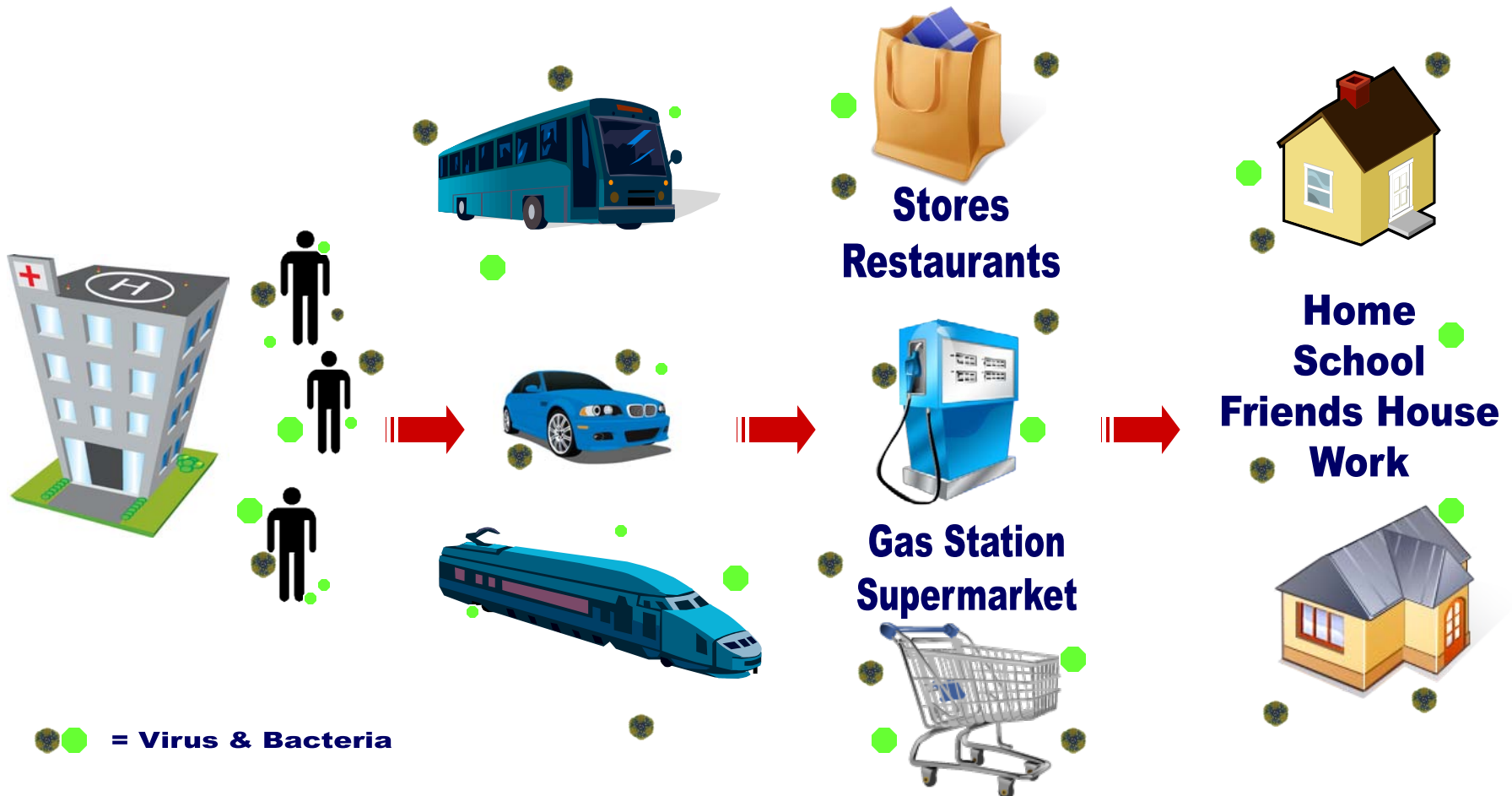
Good News

- Textile products conform easily to facial contours
- Viral transmission is reduced by added protection of face and neck area
- Anti-Viral treatments for textiles are available and improving
- Biological agents, flu strains and germs can be washed out of garments with soap and water

Dirty Little Bugs...

- 65% of medical personnel confess to changing their lab coat less than once a week even though they know it's dirty
- 15% change less than once a month
- Super bugs such as staph can live on polyester for up to 56 days

Dirty Scrub Goes To Town



You Might See a Scrub at...

- Restaurants
- Video Stores
- Subways
- Bus Stations
- Grocery Stores
- Gas Stations
- Other public places

Patented Protection Super Scrub



- Full neck coverage
- Integrated activated carbon filter
- Custom ear loops for added security
- Mask stows in the collar
- Treated 100% cotton



Who Might Benefit

- First Responders
- Crash teams
- Doctors and Nurses
- Surgeons/ Orthopedic
- Maintenance Workers
- Emergency Wards
- Patients
- Medical Practitioners dealing with HIV and other deadly diseases
- General Public

Benefits

- Protects skin and lungs
- Efficient protection
- Full Coverage
- Comfortable, Always ready
- One piece construction

Effective Infection Control

- High virus kill rate using activated carbon cloth
- Micrillon technology reduces risk of healthcare associated infections
- Improved antibacterial treatments for textiles
- Nano-coated textiles kills odor causing bacteria and flu viruses. When exposed to visible light, there is a chemical reaction and the fabric has been shown to kill 99.9% of influenza viruses and 99.99% of the vaccine virus, which causes rashes, fever, head and body aches

Current Drawback

Face and Neck Exposure



DN1 Reduces Skin Exposure



Whom Might You Like To Be?



Super Textile Benefits

- **Time Saved**

- Time it takes to store PPE

- Time it takes to find protection

- Time it takes to dispose

- **Safety**

- Skin Exposures Reduced

- Contamination Stopped at Source

- Reduced Work Related illnesses

Super Textile Benefits

- **Control**

- Over the spread of infectious diseases

- Over waste

- **Money**

- Saved by reduced waste

- Saved by less work related illnesses

- Saved by reducing disposables being used

Defense U Should Trust

