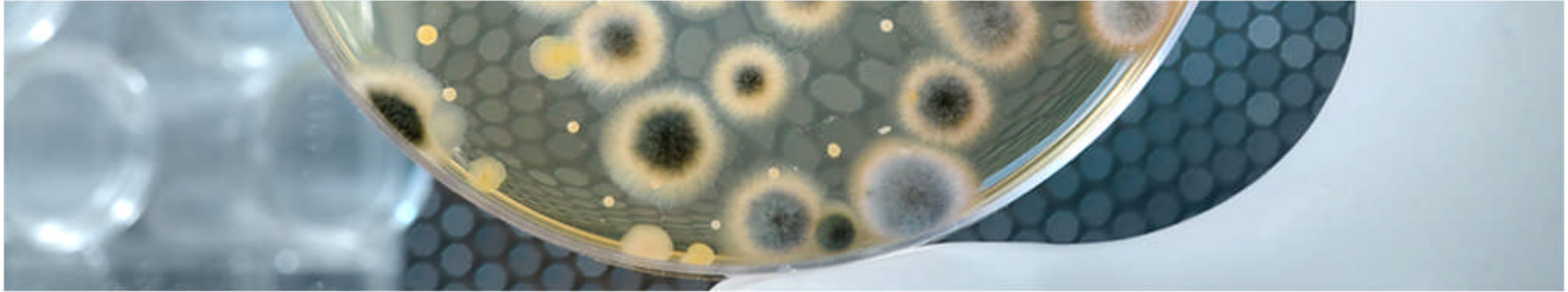




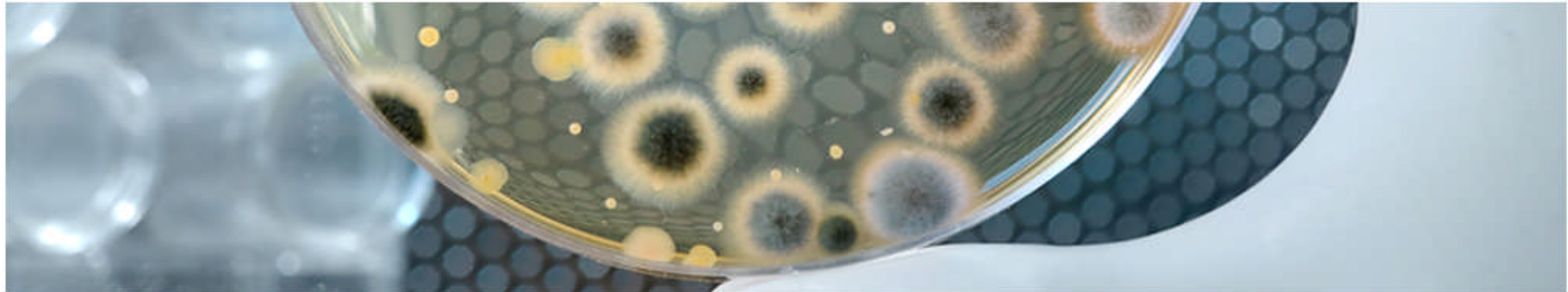
Why We Legislate Cosmetology

Public Health, Community Safety



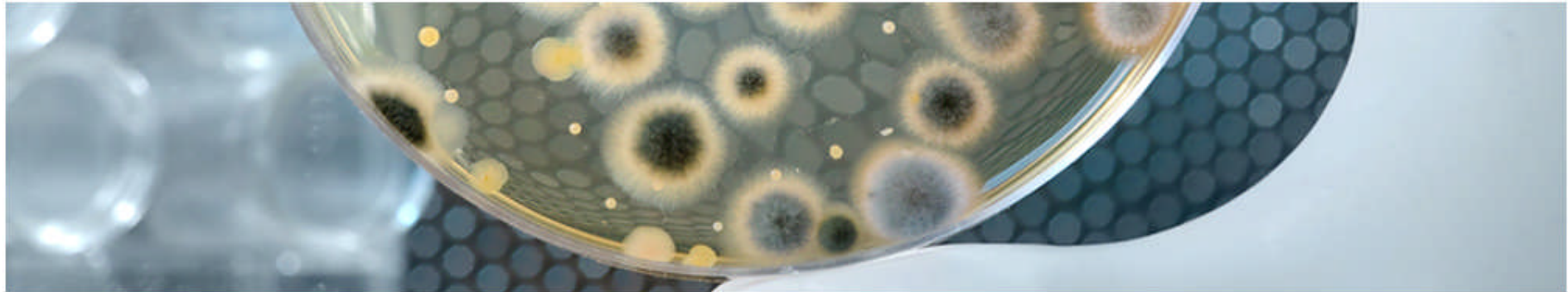
The Real Risks...

- Risks associated with the transmission of pathogens within the salon have increased substantially due to the following:
 - Antibiotic Resistant Pathogens
 - Pathogens new to this country
 - Limited government resources have led to reduced surveillance
- The economy of the salon has led to reduced adherence to public health considerations, further increasing the risk to the consumer
- Consumers have greater access to information and are more willing to litigate against salons
- The reality of a pandemic hitting the US is very real and containing the spread within a community is vital



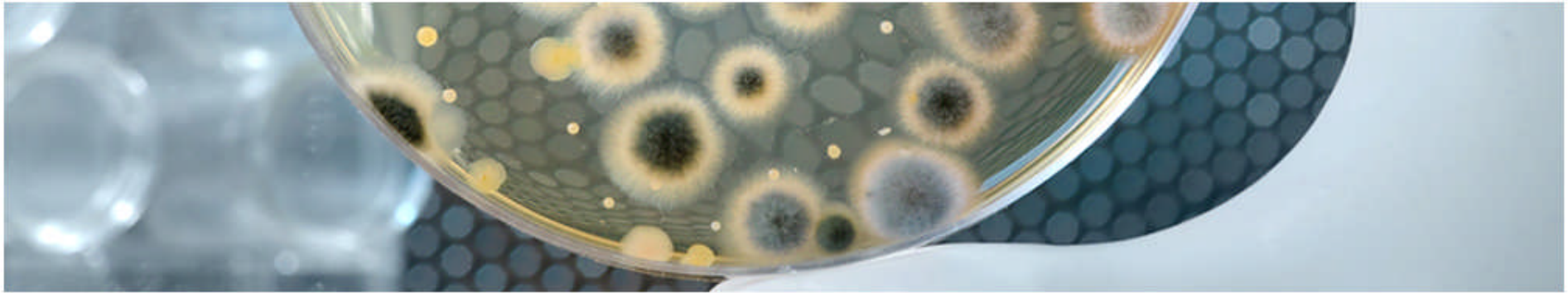
Why the Public Needs Protection

- Many consumers are at high risk for infection and don't even know it...
 - 72% of diabetics go 5 years before diagnosis...making them at risk
 - All mastectomy patients are at high risk when receiving a manicure
 - Everyone on medications for Asthma, Rheumatoid Arthritis and severe allergy medications have impaired immune systems
- Most consumers are unaware of risk and will price shop
- Infectious illness spread through a salon can affect a whole community quickly
- In the salon, “time is money” so the unregulated salon will avoid the cost in both supplies and time of correct disinfection and the consumer will not know the difference



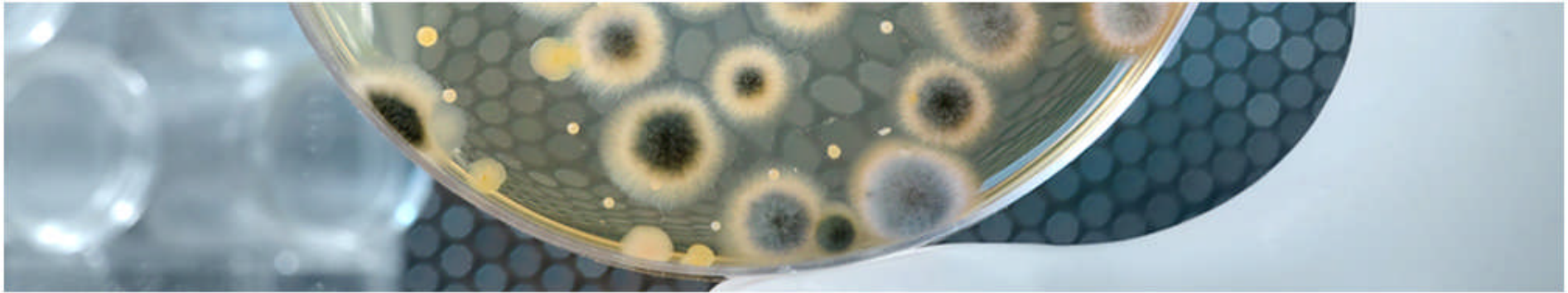
What Should Scare You

- **MRSA** (Methicillin Resistant Staphylococcus Aureus)
 - The most virulent strains can kill a healthy individual in 48 hours
 - Kills more people annually in the US than AIDS
 - Infection of the foot frequently results in amputation
 - Community Acquired form is much more virulent and contagious
 - Everyone is at risk...all it takes is an opening in the skin and a contaminated object or surface
 - California (2009) Pedicure patron becomes infected with MRSA and dies within 4 days
 - Ohio (2010) Barbershop patron becomes infected with MRSA from contaminated clippers... spends several weeks in the ICU



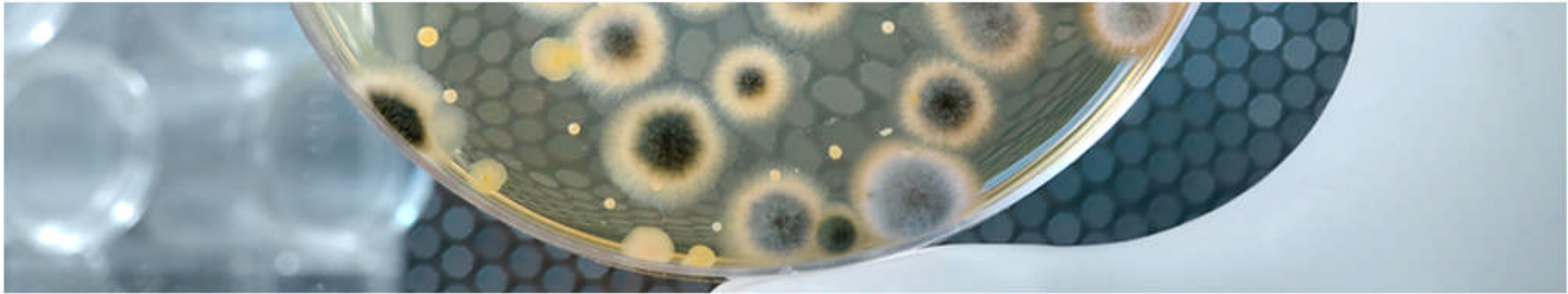
This.... Becomes...





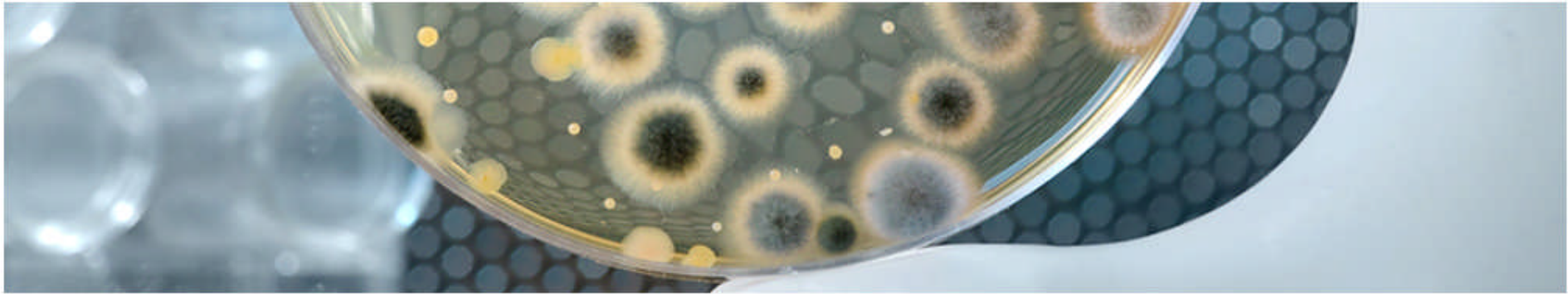
THIS





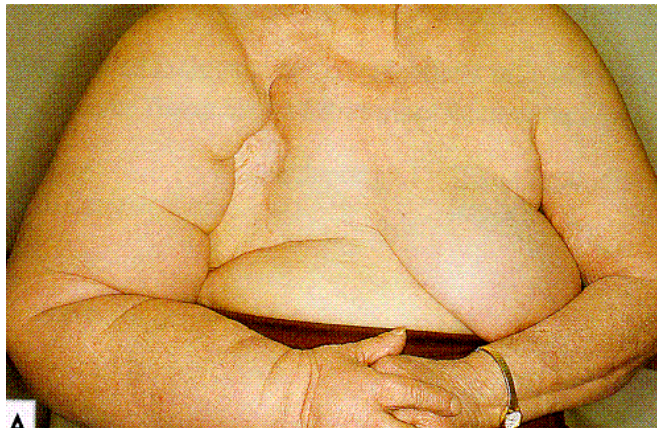
Hepatitis

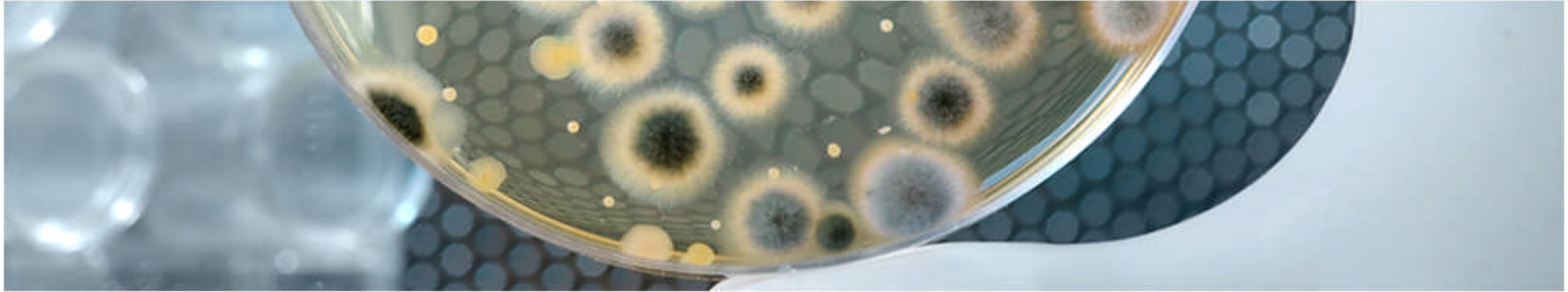
- Contagious virus that can severely damage the liver and cause death
- Hepatitis is the leading cause of liver cancer in the US
- Virginia (2011) confirmed case of Hepatitis C transmitted to salon customer during manicure
- "Whether there is sufficient compliance with disinfection requirements is an important variable in the safety of salon and barbershop services from a public health perspective," Dr. David A. Johnson, of Eastern Virginia [Medical](#) School, said in an ACG (American College of Gastroenterology) news release...recommends CDC and OSHA regulations
- 4.4 Million Americans have chronic Hepatitis ...over 50% do not know it!



Lymphedema/Cellulitis

- Chronic swelling of extremity related to even minor infection in at risk populations:
 - Diabetics
 - Mastectomy Patients
- Condition is debilitating often resulting in disability

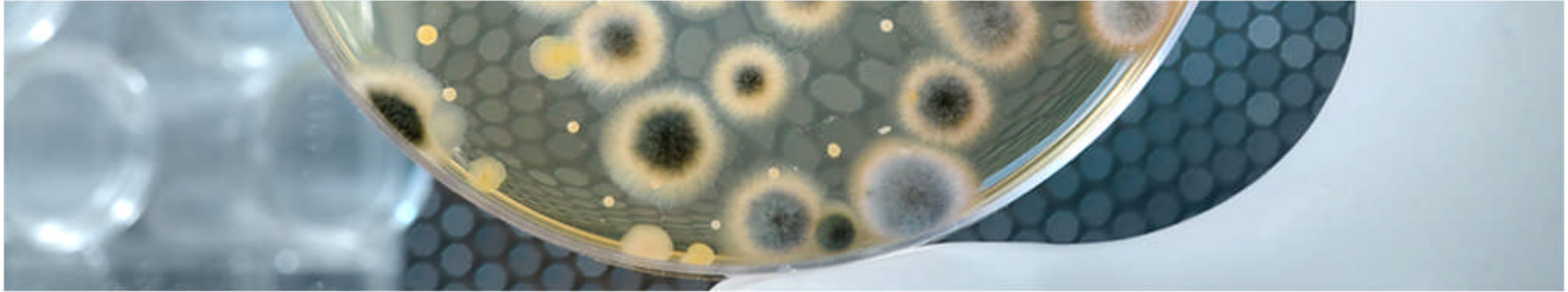




Mycobacterium Fortuitum

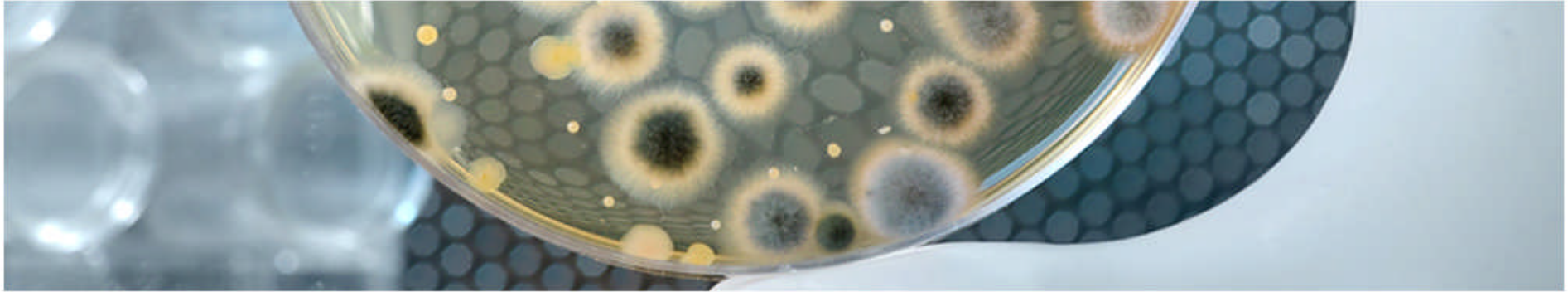
- Thrives in Pedicure environment
- California (2004) 100+ customers at nail salon infected
- Leave patients with scarring and recurring boils and painful lesions
- New strains of Mycobacterium being seen throughout the world





Where Infections Begin

- Instruments such as clippers, nippers and shears
- Clippers – between the blades
- Tables , headrests and chairs
- Pedicure Bowls
- Manicure tables
- Single Use items used multiple times...Buffers, files, waxing sticks, orange sticks
- Razors
- Extraction instruments
- Unwashed hands



How States Protect the Public

- Write laws that are clear and outline proper procedure in the salon to prevent the spread of pathogens
- Update laws that require the use of agents that are potentially harmful to the public or the salon employee (phenols, fumigants, MMA)
- Give public easy access to report unsanitary conditions for follow up by the state
- Make public aware of risks and salons that consistently perform poorly on inspection
- Assure that licensees are educated in the services they provide and any potential risk to a consumer