Use Glo Germ MIST for Airborne Bacteria Simulation

You will need:
1. Glo Germ MIST
2. Glo Germ Hand-held UV Light
3. Open air space

**Step One**
To demonstrate a sneeze or cough, a quick spray of Glo Germ MIST will work. To demonstrate a larger scale airborne contamination, spray Glo Germ MIST in the air while making a sweeping motion with your arm (3 - 5 seconds of spray time).

**Step Two**
Allow Glo Germ MIST 3 - 5 minutes to settle, it will be almost completely invisible to the naked eye.

**Step Three**
After the Glo Germ MIST has settled, use the UV light to detect how far the artificial germs have traveled (the artificial germs will glow bright blue under UV light).

To use Glo Germ MIST on surfaces, do the following:

**Step One**
Evenly coat the surface by spraying MIST (i.e. door knob, clipboard, etc)

**Step Two**
Allow Glo Germ MIST 3 - 5 minutes to dry, it will be almost completely invisible to the naked eye.

**Step Three**
After the item (or surface) has been passed around or touched by everyone, use the UV light to detect how far the artificial germs have traveled (the artificial germs will glow bright blue under UV light).

**The same characteristics that make Glo Germ MIST behave like real germs, also make it hard to contain. Glo Germ MIST may remain suspended in the air for up to 5 minutes. Contact lens wearers may find it irritating. MIST may also spread and be hard to remove from certain surfaces and clothing. We recommend some trial usage in test environments.**

Re-ordering Glo Germ is easy.
Visit www.GloGerm.com to order Online or call 800-842-6622 to order over the phone. POs must be emailed or faxed to orders@glogerm.com or Fax: (435) 259-5930

“Germs” that you can see
**Use Glo Germ Oil for Hand Washing - Professional Grade**

*This product is runny, oil based and may stain clothing*

You will need:

1. Glo Germ Oil
2. Glo Germ Hand-held UV Light
3. Stop Watch or Timer with/second counter
4. Paper Towels
5. Soap
6. Warm, Running water

**Step One**
Ask the trainee to hold out their hands, palms facing upright and fingers slightly bent. This allows the trainee to easily distribute the artificial germs where real germs are found. The trainer should apply 2 - 3 drops into each of the trainee’s hands.

**Step Two**
Ask the trainee to rub their hands together as if they are rubbing in lotion. Make sure they get the Oil in between their fingers, on the back of their hands, and have them scratch the palm of their hands to get the artificial germs that have been distributed all over their hands (the artificial germs will glow bright orange under UV light). If excess Oil is applied, dab off with a paper towel.

**Step Three**
Ask the trainee to wash and dry their hands as they normally would (Trainer should time this process). When trainee has completed washing and drying their hands, shine the UV light over their hands again to evaluate how effective their “normal routine” is. Pay close attention to their cuticles, under their nails, in between fingers and the backs of their hands.

**Step Four**
Repeat steps one and two and ask the trainee to follow the hand washing techniques you have established and validated (length and technique of cleansing). Use the stop watch to ensure that the correct cleansing time and steps are taken. The trainee should see that only a few places glow under the UV light.

**The trainee will probably not be able to eliminate all of the artificial germs any more than they would be able to eliminate all real germs in the course of a simple or hygienic wash. Only the application of a protocol of surgical washing will make all the artificial germs disappear.**

**Use Glo Germ Gel for Hand Washing - General Public/Kid Friendly**

*This product is lotion based and non-staining*

You will need:

1. Glo Germ Gel
2. Glo Germ Hand-held UV Light
3. Stop Watch or Timer with/second counter
4. Paper Towels
5. Soap
6. Warm, Running water

**Step One**
Ask the trainee to hold out their hands, palms facing upright and fingers slightly bent. This allows the trainee to easily distribute the artificial germs where real germs are found. The trainer should apply nickel size amount into the trainee’s hand.

**Step Two**
Ask the trainee to rub their hands together as if they are rubbing in lotion. Make sure they get the Gel in between their fingers, on the back of their hands, and have them scratch the palm of their hands to get the “germs” under their nails (this product will apply just like lotion). Shine the UV light over their hands (the artificial germs will glow bright blue under UV light).

**Step Three**
Ask the trainee to wash and dry their hands as they normally would (Trainer should time this process). When trainee has completed washing and drying their hands, shine the UV light over their hands again to evaluate how effective their "normal routine" is. Pay close attention to their cuticles, under their nails, in between fingers and the backs of their hands.

**Complete removal of Glo Germ with normal washing is more difficult if the skin is chapped or cracked, indicating that bacteria is also harder to remove. This will require a hand care regimen with a quality hand lotion twice daily and a judicious use of a hand sanitizing gel.**

**Use Glo Germ Powder to show Cross Contamination**

*You can use Glo Germ Powder in a number of ways to show how germs spread.**

You will need:

1. Glo Germ Powder
2. Glo Germ Hand-held UV Light
3. Miscellaneous Non-Porous Items

To show how you can come into contact with germs from various surfaces, do the following:

**Step One**
Apply Glo Germ Powder to a non-porous surface (i.e. pen, door knob, ball, etc)

**Step Two**
As the surface is touched, the artificial germs will spread with each person that comes into contact with the surface.

**Step Three**
Use the UV light to demonstrate how far germs of all kinds are transferred. The artificial germs will glow bright blue under UV light (if you are using the Original Glo Germ Powder). If you use Yellow Powder, it will glow Yellow, Orange Powder will glow Orange). To show how germs on a person’s hands spread, do the following demonstration:

**Step One**
Shake a small amount of Glo Germ Powder into the palm of your hand.

**Step Two**
Shake hands with several people, or shake hands with one person and then have them shake hands with the next person, and so on, to create a line of contacts. The artificial germs contamination down the line of contacts can be detected up to ten people.

**Step Three**
Use the UV light to demonstrate how far germs of all kinds are transferred. The artificial germs will glow bright blue under UV light (if you are using the Original Glo Germ Powder). If you use Yellow Powder, it will glow Yellow, Orange Powder will glow Orange).

To use Glo Germ Powder in a kitchen setting to show cross contamination, we recommend the following demonstration:

You will need:

1. Glo Germ Powder
2. Glo Germ Hand-held UV Light
3. Knife and Cutting Board
4. Iceberg lettuce and other salad ingredients

**Step One**
Sprinkle Glo Germ Powder onto a head of iceberg lettuce (we recommend you do this out of sight of the trainees).

**Step Two**
Using a knife, cut the lettuce up as you would for a salad. Set lettuce aside.

**Step Three**
Using the same knife and cutting board, cut out other items for a salad (i.e. cucumbers, carrots, etc.).

**Step Four**
Use items prepared to make a salad. Shine the UV light over all the ingredients and utensils used to prepare the salad. All the artificial germs will glow under the light and will demonstrate how one contaminated item can contaminate everything that it comes in contact with.

**Wash utensils with soap and hot water after demonstration. All food items used should be thrown away and not consumed. While Glo Germ products are non-toxic it is not recommended to ingest them.**