

# Introduction to HealthProNutrient.com Pandemic Respirators (Masks)

HealthPro Nutrient is very pleased to announce a new product and strategy to be offered to the patients of the medical community as part of the community preparedness program.

## THE NEED

The World Health Organization (WHO) announced on June 11, 2009 that H1N1 (formerly called "Swine Flu") is a Pandemic. Some say this announcement is unnecessary or premature because few have died. However, WHO believes H1N1 is still in the "early stages", and they estimate that 2 billion people (one-third of the world's population) could be infected over the next two years.



## H1N1 – SPANISH FLU ("SWINE FLU")

You may be surprised to learn that the "Spanish Flu" pandemic of 1918-1919 was actually an H1N1. Spanish Flu first appeared in the Spring (April 1918) and it did not kill many (just like H1N1 today). However, it mutated over the summer into a much deadlier strain and came back in the fall and killed 50 Million people. Viruses constantly change. The truth is nobody knows what will happen with this virus in the fall. However, one thing is certain: this virus is very transmissible — much more so than the normal human flu. In a pandemic, 30 to 40% of the population are infected.

## H5N1 – BIRD FLU

If H1N1 'Swine Flu' is not reason enough for our product and program, then H5N1 'Bird Flu' is. There are seven steps for a virus to become a pandemic. The Bird Flu is a stage six. The next step is for it to mutate one more time so that it will transfer from human to human efficiently. When SARS broke out in China six years ago, they were able to somewhat contain the spread because as soon as someone showed signs of contracting the virus, the government would quarantine the individual. The scary aspect of the Bird Flu is that an individual contracts the virus, is contagious, and for days spreads the virus before they show any symptoms. Why are we so concerned about the Bird Flu since it is not yet in the US? Because 60% of the people who have contracted H5N1 have died!

## EFFECTIVE MASKS

Masks you see people wearing on the news don't work to stop viruses (e.g., dust, surgeon, 3-plys). Only a select few contain the filtration necessary to block viruses. These masks are referred to as "respirators". A respirator is a class of mask which has a higher construction quality and has passed tests by NIOSH to be effective in restraining 95-100% of elements to be breathed, whereas a "mask" is a dust mask or a surgeon mask, etc.

HealthPro Nutrient has the rights to market for Pasture Pharma respirators. These are one of the ONLY respirators that provide the public protection for a public health emergency like "Swine Flu" or H1N1.

## NANO BI-DIRECTIONAL RESPIRATOR

HealthPro Nutrient has chosen to market the Pasture Pharma Nano Bi-Directional Respirator (NTV2) because it is the most effective mask available for use against a pandemic. This unique product was originally intended for first responders (e.g., doctors, nurses, emergency personnel).

Through nano technology, Pasture Pharma broke down the molecules in five natural elements (silver being one) and combined them in such a way to create a new fabric. This fabric has positive and negative ions embedded which neutralize the cell membranes ("kill" the bacteria and/or virus) on contact!

This fabric is bi-directional. It neutralizes the bacteria and viruses both ways, so when you wear this mask, it neutralizes the bacteria you create. Unlike other N95 respirators that last 2 hours, you can wear this mask for 24 hours.

NASA has tested the substitute for Anthrax on this fabric, and within 15 minutes, all spores were neutralized. Physicians and hospitals can save money purchasing the NTV2 since they do not need to swap it out every 2 hours. Also, because it holds the viruses on the respirator and neutralizes them, it serves as a better containment strategy for physicians to wear when going from room to room visiting patients.

### In summary, the NTV2 offers the following benefits:

- ✓ Bi-Directional filtration
- ✓ Reduces microbial load (neutralizes the virus on contact)
- ✓ Less expensive overall (since it can be worn up to 24 hours instead of 2 hours)
- ✓ Better containment strategy (since it 'holds' the virus and neutralizes it) where an ordinary NIOSH N95 does not. As its wearer exhales, a virus on the respirator can be vectored to a patient.



“An analysis of the sickest swine flu patients in Australia, Canada, Mexico, and New Zealand suggests that relatively healthy adolescents and young adults are among the most likely to get very sick after an H1N1 infection, a pattern similar to that seen in the 1918 influenza pandemic.”

-Medical News Today, October 15, 2009

## EDUCATIONAL PROCESS

The government is very concerned for the public to become prepared for the anticipated pandemic outbreak this flu season and to become educated on the five methods of prevention.

HealthPro Nutrient is hosting a definitive documentary entitled Truth About Pandemic Flu on our website. It includes interviews with:

- ✓ Dr. Easterday (who documented the first swine to human transmission in 1976 while working with WHO),
- ✓ a Epidemiologist with the CDC,
- ✓ the former Director of Medical Devices with the FDA (who is the world's authority on masks and respirators),
- ✓ Tommy Thompson (former US Secretary of Health & Human Services and creator of the pandemic committee),
- ✓ the lead scientist on the team that extrapolated the Spanish Flu virus from cadavers and identified the virulent strains, showing Spanish Flu was an H1N1
- ✓ the CEO of Pasture Pharma.



The film documents the path to a PANDEMIC, reviews H1N1 (Swine Flu) and H5N1 (Bird Flu), and objectively covers 5 common 'armory strategies' or steps that the public can follow to prepare for a pandemic, discussing the strengths and weaknesses of each.

### These steps include:

- ✓ Isolation (if possible) or Social Distancing (6 feet away from people)
- ✓ Vaccination
- ✓ Hand washing (20 seconds) and alcohol-based hand sanitizers
- ✓ FDA-approved Anti-Viral medications
- ✓ Respirators (100 per person recommended)

Additional HealthPro Nutrient products that help with preparation for a pandemic include: the **Hand Sanitizer for Healthy Hand Hygiene**, which is formulated with 70% Isopropyl alcohol as its active ingredient, special emollients, and a fresh mint scent; and **Cell Balance and Cell Design**, which aid your body's natural ability to build new cells, thereby creating the strong and vigorous immune system that will give you the best chance possible of staying healthy while under attack.