



Ebola Just Devastated A Nation's Whole Medical Infrastructure Graphic and Catastrophic Example of How Quickly It Can Happen

Glycoscience Lesson #23

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Ebola has killed the doctors at the forefront of the campaign in West Africa. Sierra Leone is left with only eight surgeons in the country of about six million people. Only one of the surgeons is under 60 years of age.

From the hot zone countries of West Africa, the World Health Organization (WHO) reports that nearly 500 healthcare professionals have died in their battle against the virus.

The remaining eight surgeons of Sierra Leone were expecting medical students to join the battle but seeing so many deaths, the students want to leave Sierra Leone as soon as possible. Some of the eight had indeed retired but came back to help each other save lives.

The number of spontaneous infections of humans is coming down. The epidemic is waning in Sierra Leone as it has in the other West African nations. However, fear remains that only a small wind is required to ignite an Ebola ember to start a prairie fire that could sweep vast areas. No one knows how long, under certain conditions, that the virus can remain latent. Where might those viral embers be? It is known that out there somewhere is wildlife still infected with the virus.

The source for Ebola may have been bats but the virus has infected other animals, especially the ape population. Ebola brings even more catastrophic damage for gorillas than for humans.

The gorilla, i.e., the great ape, is highly susceptible to Ebola with a probability death rate of about 95%. This high death rate can

cause an epidemic to become pandemic in short order. Estimates are that already one third of the world population of apes and chimpanzees have been killed by Ebola. This remains the greatest threat to the survival of gorillas and chimpanzees.

Animal outbreaks of Ebola increase the risk to humans. Previous human epidemics were caused by animal contact, be the animal dead or alive. Reports confirm that entire gorilla populations in the thousands have been wiped out in some regions. While an epidemic may begin with an animal vector, it can then spread from human to human.

It seems that every medical resource is flung at the illusive virus instead of focusing on the human defense system. Our immune systems are deficient in the quantity and quality of glycans on the surface of our cells. Science has verified that consumption of Smart Sugars provides the building blocks for these glycans which protect the cells.

Sources and References:

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Expand Your Mind - Improve Your Brain

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Change Your Sugar, Change Your Life

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