

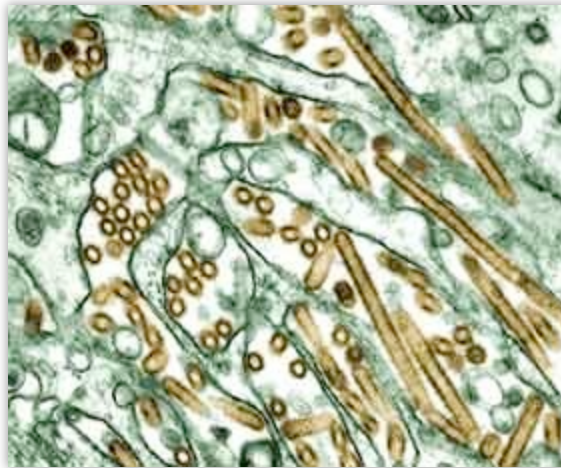
# AVIAN FLU INFECTION CONTROL

A lot of attention has been paid to the possibility of a Pandemic Outbreak of the Avian Influenza Virus. This virus has been nicknamed the 'Bird Flu' and for such an innocuous sounding disease it can be extremely dangerous. Even though human infection with the 'Bird Flu' has been extremely rare – the mortality rate has been running at over 50%. Most documented human cases of the 'Bird Flu' have been spread from contact with infected birds.

The spread of this virus from human-to-human has been rare and has not spread beyond one person. But scientist are concerned that since this virus is constantly changing that one day it could be able to infect humans and spread easily from one person to another. Another fear is that since these viruses do not commonly infect humans, there is little or no immune protection against

them in the human population adding to the possibility of a pandemic.

The Center for Disease



Avian Influenza

Control (CDC) states that *“Human influenza is thought to transmit primarily via large respiratory droplets.”* Utilizing this rational the CDC has made the following Interim Recommendations:

*Place the patient in an airborne isolation room (AIR). Such rooms should have monitored negative air pressure in relation to corridor, with 6 to 12 air changes per hour (ACH), and exhaust air directly outside or have recirculated*

*air filtered by a high efficiency particulate air (HEPA) filter. If an AIR is unavailable, contact the health-care facility engineer to assist or use portable HEPA filters (see “Environmental Infection Control Guidelines” at [www.cdc.gov/ncidod/hip/enviro/guide.htm](http://www.cdc.gov/ncidod/hip/enviro/guide.htm)) to augment the number of ACH.”*

Please note that above recommendations are only part of the current recommendations and are subject to change as more information becomes available - please consult the CDC website ([www.cdc.gov/flu/avian](http://www.cdc.gov/flu/avian)) for the latest information and recommendations.

Tri-Dim manufactures a full line of High Efficiency Particulate Air (HEPA) filters and a full range of portable HEPA filter contamination control equipment that can be used to create an Airborne Isolation Room or augment the current HVAC system to achieve the current CDC recommendations. Please call 1-800-458-9835 to have a free site assessment to see how Tri-Dim Filter Corporation can be of assistance.



TRI-DIM FILTER CORPORATION  
 P.O. BOX 466 • 93 INDUSTRIAL DRIVE  
 LOUISA, VA 23093  
 (540) 967-2600 • FAX: (540) 967-2835  
 EMAIL: [info@tridim.com](mailto:info@tridim.com) • Website: [www.tridim.com](http://www.tridim.com)  
 TOLL FREE 1-800-458-9835



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