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## Anti-energy based unconventional prophylactic HIV/AIDS vaccine provide proof of concept in human

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A new unconventional basic research study finds a proof of concept in human when 1:2 dilutions of HIV -1 infected (positive) serum with anti-energy substance, lost its infectivity when left for two weeks. This vaccine strategy based on energy utilized by the HIV -1 virus for replication inside host rather than proteinous nature of the virus. There is no chemical as well as physical treatment for inactivation and killing of HIV -1virus. Prototype HIV 1 vaccine injected intramuscularly into HIV negative person at interval of 0 month and 22months. A fourth generation HIV -1 antibody immunoassay was performed to confirm infection at 13 days, 21 days, 3 months, 6 months 12 months and repeats after 22 months. After 4.0 years (long

follow up) of following of study, vaccine subject does not show any symptoms of HIV-1 infection but does not elicit humoral response. In compare to historical control, if HIV-1 virus enters into human body, it shows antibody response which confirms HIV infection. Protection was occurred due to cellular or some unknown reason. An effective ideal vaccine must block infection such that it never becomes established in vaccinated individual (sterilizing protection). All blood parameter (Complete Blood Count) are normal in range. The sexual transmission does not occur without prevention methods were used. The prototype vaccine is safe, tolerable and effective.

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