

One World -One Life- One Health.

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4.5 billion Years ago, after the big bang and all the planetary revolutions, the planet was formed where the biggest evolution was to occur, the planet Earth was formed. A half a billion years later, the evolution started that gave origin to life forming up the first living cell – ‘Protobiont’. 3.8 billion Years from then and today we have Earth consisting of varieties of living beings; Plants, Animals, Birds, Insects and many more. It all started with ‘one life’. Time has shown this world a great diversion. The creation of viruses, bacteria, diseases and disorders has always led towards the ruining of this great environment and its element. With the development of time, new diseases have evolved causing a great deal of problem in the health of all the living beings. Human beings have always up fronted the idea of being smarter and visionary of all. The responsibility of planet Earth is totally onto us. It’s us who can fight against all the odds to make this home, lively and healthy again by co-relating the health of every creature in this living world and making a breakthrough in them. Thus, gives rise to the concept of ‘One health’.

One health is the system, the collaboration of associates all around the world to perceive an optimal health for people, animals and environment as a whole. There is no denial of the fact that all living beings are inter-related to each other. The diseases and disorders are the part of interrelationship too. It has been observed that many diseases were primarily seen in animals then were transferred to human, degrading the health of both. The study of any health, whether animal or Human can’t be done under isolation. There is no line drawn that can separate the animal and human health practices. Lots of instances can be taken, the tuberculosis bacteria were the reserved host in chimpanzee primarily which then transmitted to Human. Similarly, the world shaking avian influenza H5N1, transmitted through infected birds. This shows, there is connection between animal and human health. 61% of the known microbes that infect human come from the animals alone making ‘one health’ the need and the possibility for better and healthy future. This requires a giant effort from the entire field relating the health of environment, the animal and the humans. Comparative medicine practices and study is chief

component of one health. The disorders and the syndromes seen on animals are very much analogous to that of human. Lots of fatigues and disorders like Heart failure, Cancer, diabetes were all seen in animals more than 30 yrs. before they were found and discovered in Human. Had there been a comparative study of animal and human health before, there would have been some great discoveries or even breakthrough to bring down some of these disorders and diseases. Since, every animals and human shares common physiology and anatomy to broad extent. The comparative study on anatomy and physiology would help to do some good things. One health strengthens this concept on comparative study.

Environment is deteriorating years by years. Modernization has brought down the standard of quality health and environment to a region from where up lift requires a tremendous joint effort and concern. Urbanization, Deforestation, globalization and climate shift are the major concern for today's generation. If we don't watch out now, we will seriously lose our existence in near future. Modernization has given birth too many zoonotic diseases as well. Unnecessary destruction of wild habitats has made human exposed to lots of dangerous viruses, HIV and Ebola are the burning reality of human exploitation. The bell has been rung; the time has come when we are forced to make think the plans and strategies against what we ruined and what we are for rebuilt now. One health combines the personnel from all the faculty regarding Environmentalists , Veterinarians, Human Doctors and Social workers to meet at a common point and discuss about a common problem, share a various idea and reach to a common decision and make a common move from their own field to make this world lively again , to make this world healthy again.

In nutshell, what good it be if our today's negligence and irresponsible steps led our future generation to struggle and demise in a pity scenario. Its time when we are to unite, unite to prevent this bizarre possibility and make a possible breakthrough in the course of human health, animal health and the environment. The only way to make an environment healthy again is to act, act in this 'One living world', act upon living beings arouse from 'One life' and, act through the concept and idea of 'One Health'.