

Cow medical- Cowpathy – An Introduction

Development of Science? Medical Facilities for benefit of Society? or for increasing loot of money/siphoning of hard earned money to MNC's.

In early 60's and even upto 70's, there was hardly any nursing home in cities and towns but if you see today's scenario, the presence of nursing homes and even specialized hospitals in each and every corner of small town. The facilities of new equipments, trained personnel increased during last 30-40 years, it seems that the number of sick individuals has also increased substantially. There is a queue at each and every hospital and if one wants to visit the hospital, it may take hours. This gives a picture that most of the Indians are sick due to either one or another disease. Here we have to think that really the people are sick or they are made sick just to earn money from them, this is a big question mark? If one see the medicine/pharmaceutical industry, they are proliferating like any thing and earning crore of rupees out of the sales of medicines. Ethically if you see they have to observe several kinds of stringent procedures while developing a chemical molecule having medicinal properties and its takes 10-12 years to develop a medicine following GLP, GMP and GCLP procedures, During this period company invest lot of money on such research but at final stage when the developed drug was found to be harmful or exerting side effects, even then it has been released in the market specially in the so called developing or 3rd world countries including India just to earn money invested on it and after few years, it is declared harmful and withdrawal from the market. During this period, these companies provide handsome commission to the middle man, dealers, shopkeeper (medical stores), doctors, nursing homes, authorities and this game plan is going on unending, making loot of money from general poor people of the country.

At times, it has been observed that dealers provide upto 70% of discount on the print price of the drug/medicine. Doctors, on the instance of such high commission/discount, prescribe the heavy medicines to the people even without their need and under such situation, this over medication causes several kinds of side effects and problems in body. This situation realizes a truth of the famous Hindi saying "etZ c<+rk x;k&T;ksa U;ksa nok dh" means the problems are increasing even after rigorous treatment. These MNC pharmaceutical co./doctors/dealers/middleman are not well wishers of Indian people rather than they are making money without any humanity and ethics. Many antibiotic and other drugs are banned due to their side effects. Ciprofloxacin, a high profile antibiotic drug used now a days has been known to cause damage in tendon and may thus, lead to lameness. The allopathy medicines are never meant to cure the sickness, rather they are for the suppression of clinical manifestations.

There are many drugs in the market for headache, learning problems, asthma, ulcers, cholesterol and anxiety, listing just a few categories, all ostensibly to manage medical conditions. It doesn't require penetrating insight to see they are virtually helpless to heal disease. The purpose of taking allopathic medicine is to suppress the symptoms one is experiencing, not necessarily to cure, or heal the condition. Long term life regimens of drug taking are encouraged, which often leads to higher incidence of side effects, adverse drug events (ADEs), adverse drug reactions (ADRs) and medication errors.

Side effects of allopathic medications vary wildly from mild to severe and there are many. They include **insomnia, vomiting, fatigue, dry mouth, diarrhea, constipation, dizziness, suicidal thoughts, hostility, difficulty sitting still, depression, mania, seizures, coma, anemia, hair loss, high blood sugar, shoplifting, swelling, impotency,**

panic attacks, confusion, fainting and death. According to the Institute of Medicine, in-hospital adverse drug reactions occur at a rate of 400,000 per year and incur \$3.5 billion of extra hospital expense.

Cowpathy – Why?

Since the beginning of Cowpathy, Panchgavya therapy, there are so many queries, clarification and doubts in the minds of scientific community. Some had asked why are people doing research on Cowpathy or why this is important? We are living in a scientific world and the modern science gave us so many things like green revolution, white revolution and we are self sufficient as far as the food grains are concerned. India tops in milk production. The use of antibiotic or other drugs have reduced the mortality in man and animals and so on. When we are having so many goods in modern era of science why we are going in the past and wasting our time?

This is not the question of past or modern science. We had never said that if you have a heart problem, don't take allopathic medicine or if you have some infectious disease don't use antibiotics. But when we see retrospectively we find there were few diseases in man. Now we find several new problems adding day by day in human life. Why new problems arise? Who gave us so many health problems? Is it not the modern science? Who discovered DDT or other pesticides? Why the long term studies were not conducted before releasing any chemical in the market? Who destroyed the environment through chemicalization of agriculture? We have to make a judicious thought on these issues. A

Side effects of allopathy medicines

- Diarrhea
- Feeling and being sick
- Fungal infections of the mouth, digestive tract and vagina
- Formation of kidney stones (sulphonamides)
- Abnormal blood clotting (cephalosporins)
- Sensitivity to sun (tetracyclines)
- Blood disorders (trimethoprim)
- Deafness (erythromycin and aminoglycosides)
- Inflamed bowels (a type of colitis)

Causes of unhealthy living

- Chemical drugs/medicines
- Chemical fertilizers
- Pesticides/insecticides
- Heavy metals
- Polluted food, water, air
- Sedentary life style
- Laziness- Use of automobiles for petty distances
- Mobile phones.
- Computer or other electronic items TV etc. which releases radiation and making susceptible to various diseases.

chemical either it is pesticide or drug discovered today for the benefit of human life become danger to the life on earth even only after few years. Why it is so? We have chosen a path of follower rather than standing on our own feet. May be we have got several advantages but ultimately at what cost? Today's scenario is not

perfect as far as health is concerned because of environmental pollution, high level of chemical residues in food items and their ill effects. Who brought these chemicals in the environment? Is it not the modern science or chemical agriculture? We have to select the

good things after development. Are pollution induced ill effects acceptable? certainly not. Then we have to search and research the methods of living in good environment which is not harmful to human and animal race and simultaneously it should be sustainable. Because the production through crossbreeding, chemicalization etc. is not sustainable and long-lasting. This is the reason we opt for scientific validation of our ancient knowledge on panchgavya. Repeated experiments on use of cow urine have shown its immunomodulatory and bio-enhancer activity. Besides, there are many uses of Panchgavya elements viz. urine, dung, milk, curd, ghee etc in various human ailments. The dung and urine are also used in organic farming through biopesticide, compost manure and other forms.

The majority of world's cattle and buffalo population live in tropical countries where nutrition, thermal balance, milk yield, growth and reproduction are likely to be severely affected by high temperature and relative humidity. The zebu (*Bos indicus*)- the Indian cow is well adapted to the tropical areas and generally possesses a larger skin area with folds on the neck, brisket, a larger prepuce in bulls and large and more numerous sweat glands to facilitate heat loss. European cattle (*Bos taurus*) were introduced in India to increase the milk production through cross breeding. Many exotic breeds could not survive in high hot and humid environment and moreover they became the source of various infectious diseases to the entire population. However, Indian breeds were well adapted in foreign countries like Brazil, Australia, New Zealand etc., because of sweat gland histometry and greater number of epithelial strata.

The Indian cattle are considered harder and show greater resistance to various infectious and non-infectious diseases. With their long legs and hard hooves these cows are generally better suited than European cattle. The European cows may often be unable to generate its own replacement. Even the crossbreds of *Bos indicus* and *Bos taurus* could not be efficiently managed due to their high susceptibility, high cost of maintenance and veterinary medicines. On the other hand, the Indian zebu cows can be maintained at a low cost. In ancient times and also 30 years ago, people used to have a large herd of Indian cows to have sufficient milk for household uses. In turn these cows and their replacements also provide dung and urine, used in farms as manure and this cycle is maintained eco-friendly without the use of any chemical in agriculture or animal husbandry practices. It has been experienced during the course of disease investigation in animals in early eighties and nineties that rinderpest severely affected the crossbred and buffaloes while Indian cows were not showing even fever. That was the status of resistance in zebu cows. At present time another problem in maintaining the crossbred cows is non-availability of the crossbred bulls with the required exotic: indigenous ratio.

While we trace the origin of the domesticated cows, it has been observed that Indian and European breeds have separate ancestry. Phenotypically one can differentiate by the presence/ absence of hump and dewlap. The molecular studies on mitochondrial DNA sequences indicate that all European and African cattle breeds are in one lineage and all Indian breeds in another. Evidences suggest that these two divisions arose at least 2.0 lac years and as much as one million years ago. At present the Brazil has a cattle population at 135 million of which 80% are zebu cattle mainly consisting of Nelore breed.

In the Indian ancient scenario, one may find the animal welfare well adopted not only in civilization but admixed in the socio-religious fabric of the society. Each animal has been symbolically attached to one God, as Hindu mythology have more than 33 crore Gods. Each and every fauna find place for conservation, food security and well being. Even snakes are present on the neck and shoulder of Lord Shiva, similarly Nandi (Bull) is vehicle of Lord Shiva. But, What to say about the western societies or so called westernization of Indian

societies who understand the animal as their food source and can eat and every life except Homo sapiens.

Animal welfare addresses five freedoms. The definition of the five freedoms mention the needs of all animals that should be met with under all circumstances.

1. Freedom from hunger and thirst.
2. Freedom from thermal and physical discomfort.
3. Freedom from pain, injury and disease.
4. Freedom from fear and stress.
5. Freedom to express normal behavior.

The fifth freedom of animal welfare relates to the normal behaviour and full genetic expression of the animal. But if we see the scenario of domestic cattle in India, the crossbreeding programmes were undertaken on a large mass basis which seems to be against the freedom provided in Animal Welfare. Crossbreeding of cattle not only proved a failure but also against the ethics of Animal Welfare.

Cow Science and technology has gained a momentum in the Indian society with respect to development of Panchgavya Ayurvedic medicines, biopesticide, biofertilizer, biogas, etc. It can be seen as a shift in the earlier thinking and policy that the cows are kept only for milk and milk product and when their milk production is decreased or becomes uneconomic, they are left on roads or sold to butchers. Actually in last 40 years, a thorough crossbreeding programmes were launched in the country extensively without serious thinking on Indigenous cows. Leading animal breeders and scientists are of the opinion now that only a few percent crossbred cows are high milk producer while majority remains below average milk production. Secondly, these high producer crossbred cows are beneficial only for 2 lactation and thereafter, they become uneconomical as far as the milk production is concerned. Third important issue is that these crossbred cows can be maintained only upto two generations and thereafter their milk production reduces to such a low quantity that these become uneconomical. During the Krishna's period, he propagated the use of milk products such as curd, butter milk, butter, etc. for gaining body's strength. The scientific value of these products have been proved now. The butter milk and curd are considered good probiotic agents which are used to cure and prevent various gastrointestinal tract infections. These products now also known as to have immunomodulatory properties.

The presence of A1 Beta casein protein in the milk of HF/ Jersey cows is known to cause type 1 diabetes, heart disease, autism and schizophrenia. This protein is absent in Indian cows and in its place there is another protein named as A2 protein. Now-a-days most of the cattle owners of New Zealand are converting their cows from A1 milk producers to A2 milk producers through culling and selection. There is a great demand of A2 milk in such developed countries in order to prevent A1 milk producing disease.

When allopathy was started, it was alternative pathy (allo= other, pathy= medicine) than those were in use like traditional approaches of healing 'Ayurveda, Homeopathy, Unani, Sidha, etc.". We are now transforming ourselves to use holistic approach that is being termed as an "alternate therapy to allopathy" which is a wrong concept. We should use words like traditional systems or our original systems of healing; it can't be alternate to alterative pathy. The holistic approach of there by started with a famous Vedic hymn intones "**Let noble thoughts come to us from all sides.....**" There are more than 25 types of healing therapies across the world which can be classified as conventional, complimentary and/or alternative system of healing. However, none can truly claim to be

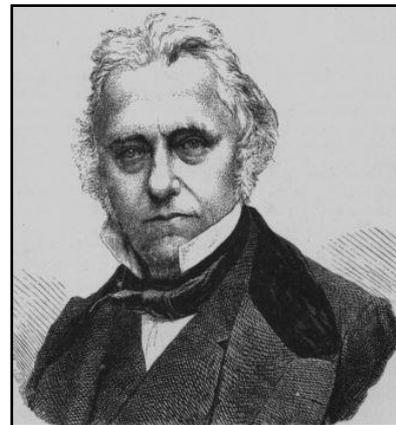
perfect in all respects; some of these can alleviate certain organic defects, some can boost up or suppress certain physiological processes and few can modulate immunity while some others can ease psychic tension. The time has come today to combine the efficacies of multiple pathies to bring about the complete well being of a patient. This realization has given rise to the concept of holistic approach to health care. The main advantages of cowpathy are:

- There are no side effects of Cowpathy medicines as are seen in allopathic drugs.
- The persons getting treatment directly with Cowpathy medicines are recovering better than those spent their fortune for modern drugs.
- Modern therapy destroys immunity of the patient while Cowpathy medicines builds up immunity.

Hence, the Cowpathy with holistic approach of treatment can be beneficial in diminishing the pain and sufferings of man and is sustainable, eco-friendly and without any side effects.

LORD MACAULAY'S ADDRESS TO THE BRITISH PARLIAMENT ON 2nd FEBRUARY, 1835

I have travelled across the length and breadth of India and I have not seen one person who is a beggar, who is a thief such wealth I have seen in this country, such high moral values, people of such caliber, that I do not think we would ever conquer this country, unless we break the very backbone of this nation, which is her spiritual and cultural heritage, and, therefore, I propose that we replace her old and ancient education system, her culture, for if the Indians think that all that is foreign and English is good and greater than their own, they will lose their self-esteem, their native culture and they will become what we want them, a truly dominated nation.



Lord Thomas Babington Macaulay