

RANBAXY

Corporate Social Responsibility & Environment, Health & Safety



Corporate Social Commitment and Public Service is deeply embedded into the cultural fabric of Ranbaxy. Over the years serious efforts have been directed towards making a meaningful contribution to uplifting and transforming the lives of the underprivileged. The Company is also extremely conscious of its duty and responsibility towards the environment. We continue to make sincere efforts to promote good health, social development and better environment, through various Company programs that contribute to sustainable, all round growth.

Corporate Social Responsibility (CSR)

In 1978, in the wake of the grim health scenario in India, Ranbaxy realised the urgency to reach out to the underprivileged sections of society that had little or no access to basic healthcare. The Company took a conscious decision to contribute towards the national objective "Health For All". Towards this end, the "Ranbaxy Rural Development Trust" was set up and the first well equipped mobile healthcare van was introduced, in certain underserved areas of Punjab. As the programme grew, the Ranbaxy Community Healthcare Society (RCHS), an independent body, was created, that is devoted to the health of the disadvantaged. Today, multiple well equipped mobile healthcare vans and an urban family welfare centre, run by

Ranbaxy, benefit over 2 lakh people, in certain identified areas in the states of Punjab, Haryana, Himachal Pradesh, Madhya Pradesh and Delhi. The programme is based on an integrated approach of preventive, promotive and curative services, covering areas of maternal child health, family planning, reproductive health, adolescent health, health education including AIDS awareness. During 2009, maternal and infant mortality were the focus of particular attention and efforts in these areas were intensified in RCHS serviced areas. The results of these interventions have been most encouraging and the general health profile of the local community has shown further improvement in terms of coverage for immunisation, vitamin A deficiency and family planning. The problem of malnutrition has been addressed to a large extent and birth rates and infant mortality rates have declined substantially. Amongst women, the risk of mortality due to pregnancy or child birth has also been reduced when compared with the prevailing level of risk, in India and other developing countries. Ranbaxy has also dovetailed its CSR efforts in a manner that is synchronous with the larger health goals of the State and Central Government. RCHS continued to work actively on critical issues related to HIV/AIDS, tuberculosis, malaria, polio, noncommunicable chronic diseases and female foeticide. RCHS also continued its partnership with the Voluntary Health Association of Punjab for the project on Reproductive Child Health (RCH), in the districts of Nawanshahar and Fatehgarh Sahib, in Punjab and achieved the targets set under the RCH-II plan, of the Government of India.

Ranbaxy entered into a Public Private Partnership (PPP) with the Punjab State Government, to deliver healthcare services in identified districts of Punjab. The programme will be rolled out in a phased manner. In order to encourage scientific endeavour in the country, Ranbaxy presented Research Awards and Ranbaxy Science Scholar Awards to 12 outstanding Indian scientists and 9 brilliant young scholars. Symposia and Round Table Conferences were also organised on topics related to women's health, immunogenomics of infectious diseases and pandemic influenza.

Environment, Health and Safety (EHS)

Ranbaxy remains committed to excellence through the discipline of process and continual improvement in EHS performance aimed at minimising risks. While there is a great emphasis and considerable investment being made in improving our EHS performance, we firmly believe that the nucleus of our excellence lies in the responsible behaviour of our employees. The involvement of management and staff in the collaborative development of solutions to improve EHS performance is a key strategy for excellence.

EHS Management System (EHSMS)

Ranbaxy's EHSMS is a global framework employed to standardise the EHS processes and practices. It is used for identification of EHS aspects and their impact, prioritise EHS objectives, engage all personnel in support of EHS objectives, and implement the improvement plans. The performance metrics were further strengthened through the introduction of an EHS Dashboard, a single window for all EHS related aspects, within the Company. Ranbaxy's 'N'Vizion' incident Tracking System was extended to all operating locations, globally, to integrate the entire Company. The Corporate EHS Committee reviewed the performance of EHS during 2009. An EHS Functional Meet was organised to share achievements, experiences and learnings. It provided a platform for setting new goals, crosspollination of ideas and sharing best practices. The year saw the introduction of cross-locational EHS audits in manufacturing locations, within India.

Environment

All equipment and infrastructure for environmental management was in conformity with regulatory standards throughout the year. The Dewas site saw the up-gradation of the Effluent Treatment Plant, the installation of Multi Effect Evaporators and Agitated Thin Film Driers. A number of Innovative 'Green Technologies' like the Heat Pump, the Refrigeration Chiller (with total Heat Recovery System), Variable Refrigerant Volume (VRV) System, were deployed in recent projects at our Baddi Dosage Form (DF) site, in Himachal Pradesh. These have also been instrumental in reducing the load on the Effluent Treatment Plant.

Occupational Health and Safety

Our inherent belief that all workplace illnesses and injuries are preventable has been the driving force in keeping our manufacturing sites, R&D and Corporate Office safe. Numerous positive initiatives were undertaken during the year to enhance workplace safety. Our Dewas site further added a road safety initiative to educate employees, contractors and the local community on positive road behaviour. Emergency preparedness at Ranbaxy was ensured through regular table top and mock drills exercises, at all manufacturing sites as well as at R&D. Additionally, a safety audit by The National Safety Council was conducted during the year at our Mohali API manufacturing facility. Extensive safety training programs, both by internal as well as external specialists, were also conducted at all manufacturing sites including those of our business partners, engaged in contract manufacturing. Ranbaxy's abiding concern for society extends beyond its business. We remain committed to the communities we serve and amongst whom, we operate, with the desire to bring about long term well being.

Community Healthcare

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In 1978, in the wake of the grim health scenario in India, Ranbaxy realised the urgency to reach out to the underprivileged sections of society that had little or no access to basic healthcare. The Company took a conscious decision to contribute towards the national objective "Health For All". Towards this end, the "Ranbaxy Rural Development Trust" was set up and the first well equipped mobile healthcare van was introduced, in certain underserved areas of Punjab. As the program grew, the Ranbaxy Community Healthcare Society (RCHS), an independent body, was created. RCHS is devoted to the health of the disadvantaged. Today, 16 well equipped mobile healthcare vans and an urban family welfare centre, run by Ranbaxy, benefit over 5.5 lakh people, in identified areas in the State of Punjab, Haryana, Himachal Pradesh, Madhya Pradesh and Delhi. A total of 76 personnel including 26 doctors 30 nurses are devoted full time to the program. The program is based on an integrated approach of preventive, promotive and curative services, spanning areas of maternal child health, family planning, reproductive health, adolescent health, health education including AIDS awareness.

List of Services Provided

- Treatment of Common Ailments
- Maternal & Child Health
 - Antenatal Care
 - Immunization – (BCG, Diphtheria, Hepatitis B Polio, Whooping Cough, Tetanus & Measles)
 - Growth Monitoring
 - Safe Motherhood
 - Vitamin A, Prophylaxis for prevention of nutritional blindness
 - Treatment of Diarrhoea & Pneumonia
- Postnatal Care
- Family Planning
 - Sterilization (Referral and follow up)
 - Provision of Family Planning Methods (Copper T, Oral Pills, Condoms)
- Prevention and Treatment of Sexually Transmitted Diseases & Reproductive Tract Infections
- Control of Disease Outbreak
- Health Education AIDS awareness
- School Health
- Adolescent Health
- Home visits by ANM

Health education is the main stay of the program. All RCHS units organise and participate in a wide variety of activities aimed at involving communities. RCHS uses innovative platforms like magic shows, audio-visual programs, street plays, adarsh mata contests, health baby contests and essay/quiz competitions and debates etc., to impart key messages on maternal child health, family planning, reproductive health, adolescent health, AIDS, malaria, dengue, tuberculosis, life style diseases (diabetes, hypertension, coronary heart diseases stroke and cancer) including prevention of female foeticide with the active involvement and participation of the community.

RCHS firmly believes in a focused and integrated approach to the basic issues of healthcare that are elementary and directly responsible for the state of community health in our service areas. As is increasingly obvious from the data coming in, the impact of the program over the years has been rewarding. One of the major achievements of RCHS is the attainment of zero maternal mortality rate in its service areas, which is indeed a turning point in our battle to keep mothers alive through pregnancy and childbirth. Diarrhoea, a major killer disease for the under five children, is not a serious threat now. Slowly yet surely, the move to achieve positive health for all in our service areas is beginning to bear fruit. This is also reflected truly by the tangible and measurable results especially in respect to substantial fall in the infant mortality rate which is one of the most sensitive indicators of health of a community. These positive outcomes are the result of scientific approach and strategic planning to tackle major issues like low birth weight, pneumonia, diarrhoea, lack of essential newborn and neo-natal care and counseling of couples for readiness to meet any emergency during pregnancy and child birth.

Contact

Dr. R.S. Bakshi

Chief Medical Officer-RCHS
 Corporate Office, Plot 90, Sector 32,
 Gurgaon -122001 (Haryana), INDIA
 Ph: +91- 124- 4135000
 Email: ranbir.bakshi@ranbaxy.com

Ranbaxy Science Foundation

Ranbaxy Laboratories Limited incorporated Ranbaxy Research Foundation in 1985 and was later reconstituted as a separate society as Ranbaxy Science Foundation and registered under the Societies Act in May 1994, with an implicit mission of giving impetus to research activity and help in reviving India's great scientific tradition. The Foundation instituted Ranbaxy Research Awards to recognize original outstanding contributions in the fields of Medical and Pharmaceutical Sciences. Every year the Foundation invites nominations for 4 awards – 3 Awards for Rs. 1,00,000/- each in the fields of Medical Sciences in Basic. Applied and Clinical and 1 Awards of Rs. 1,00,000/- in the field of Pharmaceutical Sciences. So far 104 scientists have been honoured by the Foundation.

Ranbaxy Science foundation (RSF) is a non profit organization dedicated to promote scientific endeavours in the country by encouraging and rewarding and channeling national and international knowledge and expertise on subjects connected with treatment of diseases afflicting mankind. To achieve these objectives, the Foundation

conducts Round Table Conferences on topics concerning public health and symposia on topics at the cutting edge of research in medical sciences to explore the latest in the selected area of specialty and its potential application for the benefit of mankind.

Being committed to recognising and furthering excellence, the Foundation has also initiated "Research Scholarship Awards for the Young Scientists" with an aim to stimulate their interest in research.

Late Prof. V. Ramalingaswami, was the founder Chairman of the Foundation.

Dr. Nitya Ananda renowned pharmaceutical scientist is currently the Chairman of the Ranbaxy Science Foundation.

Contact

Dr. Rajinder K Jalali

Vice President

Ranbaxy Research Laboratories Limited,
Plot No. 77B, Sector - 18, IFFCO Road,
Gurgaon -122001 (Haryana), INDIA
Ph: +91-124-5194207
Email: rajinder.jalali@ranbaxy.com

Anti Malaria Project

Ranbaxy has been working on the anti-malaria research project since May 2003. Although antimalarial drugs have a large market, it is a market with very limited resources. Together with the challenges of drug resistance, poor health systems, lack of affordable, safe and convenient treatment options, malaria treatment represents one of the largest unmet medical needs. Ranbaxy is developing a synthetic peroxide antimalarial drug in order to address this unmet need. The company has initiated Phase-III clinical trials for its anti-malarial new drug, Arterolane + PQP in India, Bangladesh and Thailand and is considering expanding the trial to several African countries.

The company is committed to developing a drug that is not only safe and effective, but also affordable to people in India, Africa and other disease endemic countries.

Based in a malaria endemic country, Ranbaxy deeply identifies with the continuing crisis that malaria is causing in developing countries. The company has therefore committed its expertise in R&D to work towards a breakthrough in the treatment of this important disease.

Challenges in development of new treatment for Malaria

- Between 1975 and 1999, only four of the almost 1,400 new drugs developed worldwide were antimalarial, and all were at least in part the products of publicly funded research
- Significant R&D effort and funding required to develop new treatments
- Returns on the R&D investment are lacking - as the purchasers of the treatment are the poorest countries around the world. Low cost is essential to ensure wide-spread up-take
- Distribution of the treatment is difficult due to the remoteness of the areas in which the disease is most prevalent and poor health systems in malaria endemic countries

Background

Malaria is one of the most persistent and deadly diseases, claiming the lives of about one million people every year. Majority of its victims are children under the age of five and pregnant women in developing countries.

Malaria is a major public health problem in more than 90 countries inhabited by more than 2.4 billion people – 40% of the world's population. The disease is estimated to kill a child every 30 seconds and to cause up to 250 million new infections worldwide annually.

Though the majority of the cases and approximately 90% of the malaria deaths are found in sub-Saharan Africa, the disease is now increasing in Asia and Latin America.

Concerns in the Existing Treatments for Malaria

There are more people dying of malaria today than 30 years ago. The main cause of the resurgence is drug resistance.

- Rising resistance to antimalarial drugs
- Universal Chloroquine resistance to Plasmodium falciparum. Suspected resistance to artemisinins has emerged in Cambodia
- Development of resistance not only compromises the efficacy of existing antimalarial drugs but also threatens to pre-maturely terminate the useful therapeutic life of new antimalarial drugs
- Lack of effective, affordable and appropriate treatment options

[↩ Top](#)

Anti HIV/AIDS

Ranbaxy comprehensive anti-HIV portfolio comprises Bio-Equivalent Anti-Retrovirals (ARVs) and Anti-Infectives for Opportunistic infections

Ranbaxy, in its endeavor to make ARVs accessible to patients around the world, is leveraging its global network of offices, affiliates, joint ventures and alliances. With Ranbaxy products being marketed in over 125 countries and ground operations in 46 countries, Ranbaxy provides pre & post sales support to institutions, NGOs, and Ministries of Health, making Ranbaxy ARVs available in their respective treatment programs. Several humanitarian and government programmes have sourced ARVs from Ranbaxy. Some of them being MoH-Nigeria, MSF in various countries, MDM-Cambodia, MEDS in Kenya, etc. In Zambia, the Ministry of Health has lauded Ranbaxy's initiative in making available quality ARVs at reasonable prices in that country. In Latin America, Ranbaxy's ARVs have been registered in Brazil, Peru, Venezuela and Guatemala among other countries. In South East Asia, ARVs are being marketed in Vietnam, Cambodia and Myanmar already. Besides, regulatory filings are on in several countries in these regions.

Encouraged by the positive response to its efforts to make quality anti-HIV generics, Ranbaxy is committed to working on all possible fronts and seeking partnerships to improve access to these medicines.

Ranbaxy offers a complete basket of pharmaceuticals for several first line HAART regimens. The current portfolio is the largest range of bio-equivalent generic ARVs available from a single company. These products are manufactured at Ranbaxy's WHO prequalified and USFDA approved facilities.

- Several Ranbaxy ARVs approved by USFDA and WHO
- First Asian pharmaceutical company to get approval for a generic ARV from USFDA
- Over 250 approvals of ARVs across 40 countries, with 130 more in pipeline
- Only company using both WHO & USFDA approved API supplier
- Bioequivalence studies conducted at leading CROs in North America
- All ARVs comply with Zone IV and Zone II stability requirements
- Leading supplier of ARVs to global NGOs, Institutions & Government programs
- Ranbaxy's ARVs have catered to treatment programs in over 50 countries globally
- Ranbaxy's quality FDCs reduce pill burden and improve patient compliance



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