• In case of uterine hyperstimulation appropriate and timely intervention.  
• Continuous monitoring of women with partograph.  
• Check pre induction score.  
• Documentation of indications for induction of labour.  
• Monitor the women with cardiotocography.  
• Assessment of the progress of labour.  
• The nurse should be able to give support and encouragement to the woman to help her cope with the contractions, and appropriate pain relief should be available if it is required.  
• Good communication between the team members.

Conclusion:

Labor induction appears to be a safe alternative to spontaneous labor. Regardless of the method employed, it is essential that the patient and her obstetrician understand the rationale for inducing labor, the risks of the method chosen, and the options that will be considered in case of failed induction. The goal of labor induction must always be to ensure the best possible outcome for mother and newborn. Practitioners need to apply clinical judgement and evidence-based medicine to justify that induction is superior to continuation of pregnancy. The benefit of induction over the continuation of a pregnancy is not always clear, but there are some tools to evaluate the likelihood of a successful vaginal delivery. In particular, perinatal nurses have a wide array of skills useful to laboring women's comfort and coping that can be further developed through maintaining normal physiologic processes without unnecessary technologic interference.

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EMERGING AND RE-EMERGING DISEASE


Abstract

The spectrum of infectious disease is changing rapidly in conjunction with dramatic societal and environmental changes. Worldwide, exploitative population growth with expanding poverty and urban migration is occurring; international travel and commerce are increasing; and technology is rapidly changing, all of which affect the risk of exposure to infectious agents. Infectious diseases are emerging, re-emerging, and increasing in the United States, taking a toll in both morbidity and mortality. A major cause of the emergence of new diseases is environmental change (for example, human encroachment into wilderness areas and increased human traffic through previously isolated areas). The re-emergence of some diseases can be explained by the evolutionary infection of an agent (for example, mutations in bacterial genes that confer resistance to antibiotics used to treat the diseases). In partnership with representatives from health departments, other federal agencies, medical and public health professional associations, and international organizations has developed a strategic plan to address emerging infectious disease threats. The plan consists of four goals that emphasize surveillance, applied research, prevention and control, and public health infrastructure. To ensure sustainability, plan implementation will be approached in stages, as a long-term endeavor with emphasis on extramural programs. As health-care reform proceeds priority should be given to strengthening partnerships between health-care providers, microbiologists, and public health professionals to detect and control emerging and re-emerging infectious diseases.

Key words: emerging, environment, infectious disease

Introduction

Infectious diseases are dominant public health problem even in the 21st Century and world’s leading cause of death for children and adolescents. WHO estimates 25% of the total 57 million annual deaths that occur worldwide are caused by microbes and this proportion is significantly higher in the developing country. In 1997, WHO formulated world health day theme focusing on these issue as “Emerging Infectious Diseases- Global Alert: Global Response”. The burden of morbidity and mortality associated with infectious diseases falls most heavily on people in developing countries, and particularly on infants and children (about three million children die each year from malaria and diarrheal diseases alone). Emerging & Re-emerging zoonotic diseases, food borne and waterborne diseases & diseases caused by multi resistant organism constitute the major threats in India. In the first half of 2014, Ebola caused over 200 deaths in West Africa and over 500 people contracted Middle East Respiratory Syndrome (MERS). There were more than 145 fatal cases of MERS.

There has been a remarkable progress in the prevention, control and even eradication of infectious diseases (Smallpox) with improved hygiene & development of antimicrobials and vaccines. However, tragically, with optimism came a false sense of security, which has helped many diseases to spread with alarming speed.

The term “emerging infectious diseases” refers to diseases of infectious origin whose incidence in public health measures (as with tuberculosis), and antimicrobial agents (as with gonorrhea), breakdown of resistance to new, previously undefined diseases that exist and were widespread in humans but are newly recognized (e.g., herpes virus 6, now known to cause roseola) and association of an infectious agent with a chronic illness (e.g., Helicobacter pylori and peptic ulcer disease). 14

These include new, previously undefined diseases as well as old diseases with new features. These new features may include the introduction of a disease to a new location or a new population (e.g., it may present in youth where previously it was only seen in the elderly); new clinical features, including resistance to available treatments; or a rapid increase in the incidence of emerging and re-emerging infectious diseases account for 26 per cent of annual deaths worldwide. Nearly 30 per cent of 1.49 billion disability-adjusted life years (DALYs) are lost every year to diseases of infectious origin.6

Re-Emerging Disease:

“Re-emerging infectious diseases are those diseases that once were major health problems globally or in a particular country and then declined dramatically, but are again becoming health problems for a significant proportion of the population”2

It often appear in epidemic proportions E.g.: TB, Cholera, Dengue, Malaria, H1N1 influenza, Ébola2

Re-emerging infectious diseases may occur because of the development of resistance to antimicrobial agents (as with gonorrhea), breakdown in public health measures (as with tuberculosis), and other reasons. Also included under the umbrella of emerging infectious diseases are agents that already existed and were widespread in humans but are newly recognized (e.g., herpes virus 6, now known to cause roseola) and association of an infectious agent with a chronic illness (e.g., Helicobacter pylori and peptic ulcer disease).15

The re-emergence of some diseases can be explained by the failure to immunize enough individuals, which results in a greater proportion of susceptible individuals in a population and an increased reservoir of the infectious agent. Increases in the number of individuals with compromised immune systems (due to the stress of famine, war, crowding, or disease) also explain increases in the incidence of emerging and re-emerging infectious diseases.16

The disease in question involves all the major modes of transmission i.e. spread either from person to person, by insects or animals or through contaminated water or food.22

### Examples of Emerging Infectious Diseases:

In the past 20 years, at least 30 new diseases have emerged to threaten the health of hundreds of millions of people.

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<td>1992</td>
<td>Vibrio cholera O 139</td>
<td>New strain associated with epidemic cholera</td>
</tr>
<tr>
<td>1992</td>
<td>Bartonella henselae</td>
<td>Cat scratch diseases</td>
</tr>
<tr>
<td>1995</td>
<td>HHV-8</td>
<td>Association with kaposi’s sarcoma in AIDS patients</td>
</tr>
<tr>
<td>1996</td>
<td>Prion</td>
<td>CJD</td>
</tr>
<tr>
<td>1997</td>
<td>Influenza A virus(H5N1)</td>
<td>Avian fly(bird flu)</td>
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### Yearly Emerging Diseases:

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<td>Coronavirus</td>
<td>Viral genome mutation enabled infection of new mosquito vectors and expanded transmission</td>
</tr>
<tr>
<td>2009</td>
<td>H1N1</td>
<td>Pandemic A(H1N1) 2009 influenza</td>
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The emerging infectious diseases account for 26 per cent of annual deaths worldwide. Nearly 30 per cent of 1.49 billion disability-adjusted life years (DALYs) are lost every year to diseases of infectious origin.

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<td>Vibrio cholera 0139 (bacterium)</td>
<td>Evolution of new strain of bacteria combining increased virulence and long-term survival in the environment</td>
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<td>Cryptosporidiosis</td>
<td>Cryptosporidium parvum (protozoan)</td>
<td>Inadequate control in water supply; international travel; increased use of child-care facilities</td>
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<td>Dengue Fever</td>
<td>Dengue Virus</td>
<td>Urbanization, international travel, and inadequate vector-control measures</td>
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<td>Diphtheria</td>
<td>Corynebacterium diptheriae (bacterium)</td>
<td>Interruption of immunization program due to political changes</td>
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<td>H5N1 influenza</td>
<td>Influenza H5N1 virus</td>
<td>Living close to H5N1-infected poultry</td>
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<tr>
<td>Malaria</td>
<td>Plasmodium species (protozoan)</td>
<td>Drug resistance; favorable conditions for mosquito vector</td>
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Emerging Diseases:

The term “emerging infectious diseases” refers to diseases of infectious origin whose incidence in humans either has increased within the past two decades or threatens to increase in the near future.

They are caused by a newly evolved organism or an organism that has undergone a mutation resulting in a new strain; they may result from the introduction of the organism to humans from another species; or they may result from dissemination of the organism from its existence in a small, circumscribed range of infection (which may not even be apparent or cause only slight illness) to susceptible populations.

These include new, previously undefined diseases as well as old diseases with new features. These new features may include the introduction of a disease to a new location or a new population (e.g., it may present in youth where previously it was only seen in the elderly); new clinical features, including resistance to available treatments; or a rapid increase in the incidence and spread of the disease.

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Factors in Emerging and Re-emerging Disease:

Factors that influence the emergence or re-emergence of infectious diseases include social and behavioral changes, climate changes, environmental alteration, political upheaval, migration and transport, natural disasters, travel, demographic shifts, the erosion of public health infrastructure decreasing surveillance, prevention and control, decline in experts in areas of infectious diseases, economics, and health care advances and technology.

The other factors also responsible for emergence and re-emergence of infectious diseases are:

- Unplanned and under-planned urbanization
- Overcrowding and rapid population growth
- Poor sanitation
- Inadequate public health infrastructure
- Resistance to antibiotics
- Increased exposure of humans to disease vectors and reservoirs of infection in nature
- Rapid and intense international travel
- Practice of modern medicine and relaxation in immunization practices
- Deforestation
- Failure to control carriers or breakdown in vaccine efficacy among vaccinated adults
- Malnutrition
- Lack of safe, clean water and sanitation systems
- Inadequate public health infrastructure
- Resistance; antibiotic-resistant pathogens; internationally acquired populations (malnourished, HIV-infected, poverty-stricken)
- Changes in genetic makeup of the pathogen
- High risk human behavior
- Channeling of funds to other problems

Global Initiative to Emerging Infectious Diseases:

“Emerging and re-emerging infections reflect the constant struggle of microorganisms to survive”

- Establishment of the Division of Emerging and other Communicable Diseases Surveillance and Control (EMC), by WHO (1995)
- Strengthen national and international capacity in the surveillance and control of communicable diseases, including those that represent new, emerging and re-emerging public health problems, for which it ensures a timely and effective response.

Role of WHO:

When a significant public health event takes place, WHO’s comprehensive global alert and response system ensures that information is available and response operations are coordinated effectively.

The system includes the following functions:

- Event-based surveillance, multi-hazard rapid risk assessment and event-based risk communications;
- Critical information and communications platforms for decision support; and
- Operations and logistics platforms for any WHO response to international public health risks.

The World Health Organization, as one of the partners in this global effort, is strengthening global monitoring systems to serve as part of the overall detection system.

In addition to partnership in global monitoring, WHO is working in countries to strengthen national disease detection and response through improved surveillance systems, and specialized training in epidemic preparedness and response.

A final role of WHO in this partnership is to help ensure a coordinated global response to infectious diseases of international importance, often with the technical expertise of the WHO Collaborating Centres or other centres of excellence.

WHO collaborating centres:

The first global monitoring system is that of the WHO Collaborating Centres, specialized Laboratories and institutions with expertise in infectious disease diagnosis and epidemiology.

- Not able to fully respond to global needs.
- Failed to keep up with changes in technology and were unable to provide the diagnostic support necessary to confirm the etiology of disease outbreaks.
- Not enough Collaborating Centres in developing countries to ensure regional self-sufficiency.

International Health Regulations (IHR):

The International Health Regulations, or IHR (2005), represent an agreement between 196 countries including all WHO Member States to work together for global health security. The IHR help countries to prevent, detect, inform about and respond to public health events in facilitated.

Three diseases are covered by the IHR – cholera, plague and yellow fever.

Through International Health Regulations, countries have agreed to build their capacities to detect, assess and report public health events. WHO plays the coordinating role in IHR and, together with its partners, helps countries to build capacities. It also includes specific measures at ports, airports and ground crossings to limit the spread of health risks to neighboring countries, and to prevent unwarranted travel and trade restrictions so that traffic and trade disruption is kept to a minimum.
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CDC's Plan to Prevent Emerging Infectious Diseases:

CDC will implement the plan in coordination with:

- State and local health departments (for surveillance)
- Academic centers and other federal agencies (for research)
- Health-care providers and organizations (for the development and dissemination of guidelines)
- International organizations (for outbreak responses overseas)11

Goals of CDC Plan:

1. Surveillance and Response
2. Applied research
3. Infrastructure and Training
4. Prevention and control

Surveillance and response:

Objectives
- Strengthen infectious disease surveillance and response
- Improve methods for gathering and evaluating surveillance data
- Ensure the use of surveillance data to improve public health practice and medical treatment
- Strengthen global capacity to monitor and respond to emerging infectious diseases.19

Applied Research:

Research is essential in efforts to understand, prevent, control, and respond to new and reemerging infectious diseases.

Objectives
- Develop, evaluate, and disseminate tools for the prevention and control of emerging infectious diseases.
- Develop, evaluate, and promote strategies to help health-care providers and other persons behaviors that facilitate disease transmission.
- Support and promote disease control and prevention internationally.20

Target Areas
- Antimicrobial resistance
- Foodborne and waterborne diseases
- Vector borne and zoonotic diseases
- Diseases transmitted through blood transfusions or blood products
- Chronic diseases caused by infectious agents
- Vaccine development and use
- Diseases of persons with impaired host defenses
- Diseases of pregnant women and newborns
- Diseases of travelers, immigrants, and refugees.20,22

Prevention and control: Emerging Diseases

Objectives
- Implement, support, and evaluate programs for the prevention and control of emerging infectious diseases.
- Develop, evaluate, and promote strategies to help health-care providers and other persons behaviors that facilitate disease transmission.
- Support and promote disease control and prevention internationally.20

Community Health Nurse in Action:

Community health nurse plays an important role in the prevention and control of emerging and re-emerging diseases and in the care of persons and families who have such diseases, it include,

1. Support, interpret, and disseminate the recommendations made by leading agencies.
2. Collaborate with other professionals and policy-making groups in mutual support, endorsement, and evaluation of global strategies to prevent or reduce the threat of emerging infectious diseases.
3. Communicate with other nursing groups and recommend that they develop and disseminate to their own constituencies policies and standards to prevent the spread of emerging infections.
4. Identify mechanisms to promote appropriate prescriptions and use of anti-microbial agents.
5. Address strategies to enhance health and immune competence.
6. Take leadership in major initiatives to focus on preventive strategies.
7. Serve as a clear voice among policy makers for the support of public health, advocacy, and support for early detection, confirmation and communication.22

Prevention and control: Re emerging diseases

Objectives
- Early diagnosis and prompt treatment
- Vector control measures &Prevention of epidemics, for malaria
- DOTS - for tuberculosis
- Research initiatives for treatment regimens and improved diagnostics, drugs and vaccines
- Strengthening epidemiological surveillance and drug-resistance surveillance mechanisms and procedures with appropriate laboratory support for early detection, confirmation and communication.22

Role of research in prevention of emerging and re-emerging diseases:

- Revisions and amendments to program to support emerging infectious disease prevention and control activities
- Initiate prevention effectiveness studies to assess impact of food preparation guidelines.
- To develop a comprehensive computerized infectious disease database.
- Provide more funds to the health care professionals on research based on emerging infectious diseases.

Nurses may act to prevent or intervene include the following:

- Educate clients about risks and personal hygiene, which can include guarding against tick exposure; cooking meat thoroughly and eating thoroughly cooked meat; using safer sex techniques; washing one’s hands after using the toilet, changing diapers, or exposure to fecal matter; and appropriate use of antibiotics to decrease inappropriate use of over-the-counter drugs and inappropriate requests for antibiotics from a provider.
- Use of infection control procedures; it is especially important to wash one’s hands after using the toilet, changing diapers, or exposure to fecal matter; and appropriate use of antibiotics to decrease inappropriate use of over-the-counter drugs and inappropriate requests for antibiotics from a provider.
- Patients and visitors, family, and personnel about the importance of immunization, programs for adults and children, educate patients about the importance of immunization, and facilitate access to and availability of immunizations for those who need it.

Use techniques to enhance client adherence to medication regimens to prevent treatment failure and development of microbial resistance.

- Participate in environmental cleanliness programs in the community and in the institution; this can encompass such items as adequate ventilation, air pollution, and basic public health measures such as safe water, elimination of places where birds roost and sources of standing water, and rodent control.

- Examine prescribing practices to ensure appropriate use of appropriate antibiotics.
- Be an advocate for clients about environment.
- Obtain thorough patient histories, including exposure history.
- Promote exposure to public health, advocacy, and support for early detection, confirmation and communication.12,22

- Institute or participate in immunization programs for adults and children, educate patients about the importance of immunization, and facilitate access to and availability of immunizations for those who need it.

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- Be an advocate for clients about environment.

- Obtain thorough patient histories, including exposure history.

- Promote exposure to public health, advocacy, and support for early detection, confirmation and communication.12,22

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CDC’s Plan to Prevent Emerging Infectious Diseases:

CDC will implement the plan in coordination with:
- State and local health departments (for surveillance)
- Academic centers and other federal agencies (for research)
- Health-care providers and organizations (for the development and dissemination of guidelines)
- International organizations (for outbreak responses overseas)15-16

Goals of CDC Plan:

1. Surveillance and Response
2. Applied research
3. Infrastructure and Training
4. Prevention and control

Surveillance and Response: Objectives

- Strengthen infectious disease surveillance and response
- Improve methods for gathering and evaluating surveillance data.
- Ensure the use of surveillance data to improve public health practice and medical treatment.
- Strengthen global capacity to monitor and respond to emerging infectious diseases.15

Applied Research:

Research is essential in efforts to understand, prevent, control, and respond to new and re-emerging infectious diseases.

Objectives

- Develop, evaluate, and disseminate tools for identifying and understanding emerging infectious diseases.
- Identify the behaviors, environments, and host factors that put persons at increased risk for infectious diseases and their sequelae.
- Conduct research to develop and evaluate prevention and control strategies in the target areas.15

Infrastructure and Training:

Objectives

- Enhance epidemiologic and laboratory capacity.
- Improve CDC’s ability to communicate electronically with state and local health departments, health-care professionals, and others.
- Enhance the nation’s capacity to respond to complex infectious disease threats internationally, including outbreaks that may result from bioterrorism.
- Provide training opportunities in infectious disease epidemiology and diagnosis throughout the world.15

Prevention and Control: Emerging Diseases Objectives

- Implement, support, and evaluate programs for the prevention and control of emerging infectious diseases.
- Develop, evaluate, and promote strategies to help health-care providers and other persons behaviors that facilitate disease transmission.
- Support and promote disease control and prevention internationally.20

Target Areas

- Antimicrobial resistance
- Foodborne and waterborne diseases
- Vector borne and zoonotic diseases
- Diseases transmitted through blood transfusions or blood products
- Chronic diseases caused by infectious agents
- Vaccine development and use
- Diseases of persons with impaired host defenses
- Diseases of pregnant women and newborns
- Diseases of travelers, immigrants, and refugees.20-22

Prevention and control: Emerging diseases Objectives

- Early diagnosis and prompt treatment
- Vector control measures &Prevention of epidemics, for malaria
- DOTS - for tuberculosis
- Research initiatives for treatment regimens and improved diagnostics, drugs and vaccines
- Strengthening epidemiologic surveillance and drug-resistance surveillance mechanisms and procedures with appropriate laboratory support for early detection, confirmation and communication.22

Community Health Nurse in Action:

Community health nurse plays an important role in the prevention of emerging and re-emerging diseases and in the care of persons and families who have such diseases, it include,

1. Support, interpret, and disseminate the recommendations made by leading agencies.
2. Collaborate with other professions and policymaking groups in mutual support, endorsement, and evaluation of global strategies to prevent or reduce the threat of emerging microbial diseases.
3. Communicate with other nursing groups and recommend that they develop and disseminate to their own constituencies policies and standards to prevent the spread of emerging infections.
4. Identify mechanisms to promote appropriate prescriptions and use of anti-microbial agents.
5. Address strategies to enhance host resistance and immune competence.
6. Take leadership in major initiatives to focus on preventive strategies.
7. Serve as a clear voice among policy makers for the support of public health, advocating for early detection, confirmation and response.

Nurses may act to prevent or intervene include the following:

- Educate clients about risks and personal hygiene, which can include guarding against tick exposure; cooking meat thoroughly and eating thoroughly cooked meat; using safer sex techniques; washing one’s hands after using the toilet, changing diapers, or exposure to fecal matter; and appropriate use of antibiotics to decrease inappropriate use of over-the-counter drugs and inappropriate requests for antibiotics from a provider.
- Use of infection control procedures; it is important that nurses have the ability to institute appropriate controls and to educate patients, visitors, family, and personnel about infection control and appropriate hand washing.
- Maintain awareness of unusual disease clusters, outbreaks, or illnesses, and be especially alert for unexplained deaths in young people.
- Participate in immunization programs for adults and children, educate patients about the importance of immunization, and facilitate access to and availability of immunizations for those who need it.
- Use techniques to enhance client adherence to medication regimens to prevent treatment failure and development of microbial resistance.
- Participate in environmental cleanliness programs in the community and in the institution; this can encompass such items as adequate ventilation, air pollution, and basic public health measures such as safe water, elimination of places where birds roost and sources of standing water, and rodent control.
- Examine prescribing practices to ensure appropriate use of appropriate antibiotics.
- Be an advocate for clients about environment.
- Obtain thorough patient histories, including an assessment of travel history, recreational activities, and potential exposures in the workplace, home, and community; for example manner in which workplace clothing in certain environments is handled can be important in transmitting infections and toxins to the home.
- Assess diet practices (for example, the use of unpasteurized milk) and teach clients about proper nutrition and food handling.
- Promote breast-feeding in countries in which there is a high risk of contamination of milk or infant formula.
- Train local people in health education and practices with use of culturally acceptable and locally accessible material and practices.27

Role of research in prevention of emerging and re-emerging diseases:

- Research extramural program to support emerging infectious disease prevention and control activities.
- Initiate prevention effectiveness studies to assess impact of food preparation guidelines.
- To develop a comprehensive computerized infectious disease database.
- Provide more funds to the health care professionals on researches based on emerging diseases.
To receive support from national research agencies on control of vector, and environmental health interventions that lead to infectious disease emergence. 

Increase research on surveillance and control; costs and benefits of prevention, control and treatment; diagnostic tests.

Based on the research evidences increased priority of personal and community health practices relevant to disease transmission. 

Promote in nursing education and curricula a population-based, epidemiologic, system approach for nursing practice and research. 

Conclusion

For a country of size and population of India, the emerging infections remain a real challenge. A meaningful response must approach the problem at the systems level. A comprehensive national strategy on infectious diseases addressing the challenges of emerging and re-emerging infections cutting across all relevant sectors, both governmental and non-governmental, should be in place.

Identification of national centre of excellence and their capacity building is of critical importance. These centres of excellence should be encouraged to develop networking and partnerships between public health organizations to improve their individual scientific capacity, share best practices and expand collective knowledge base. Concerted efforts are also needed to develop advanced counter measures such as surveillance tools, diagnostic tests, vaccines and therapeutics through basic, translational and applied research. Sensitive rapid response mechanisms at governmental, should be in place.

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COMMUNITY MENTAL HEALTH INITIATIVES
Z. Ramaprabhu, LMalini Pon Angel *

Abstract

Mental health services in India are neglected area which needs immediate attention from the Government, policymakers, and civil society organizations. Despite, National Mental Health Programme since 1982and National Rural Health Mission, there has been very little efforts so far to provide mental health services in rural areas. With increase in population, changing life-style, unemployment, lack of social support and increasing insecurity, it is predicted that there would be a substantial increase in the number of people suffering from mental illness in rural areas. Considering the mental health needs of the rural community and the treatment gap, it is an attempt to remind and advocate for rural mental health services and suggest a model to reduce the treatment gap.

Key words: Mental Health; Policy; Rural; Services; Treatment Gap; National Mental Health Program; District Mental Health Programme; National Rural Health Mission.

Introduction

Health is "a state of complete physical, social, and mental well being and not merely the absence of disease or infirmity"[5,6]. Nevertheless, our health system is pre-occupied with curative health care services and disease prevention, with little attention on social and mental well being. Among these, mental health and wellbeing is the most neglected one[6,7] particularly in rural areas.[5,6] Silence on mental health services in rural India in the National Rural Health Mission (NRHM) is a serious matter of concern. The omission of mental health in the NRHM mission document becomes even more serious in the backdrop of the uneven performance of the National Mental Health Program (NMHP), 1982 and District Mental Health Programme (DMHP) which is operational in only 125 districts out of 626 districts of India. With various flaws and implementation constraints in the NMHP and DMHP, there has been very little efforts so far to improve the rural mental health services.[5,6]

Meaning: need for community mental health initiatives

Mental illness constitutes nearly one sixth of all health-related disorders. With the population increase, changing values, life-style, frequent disruptions in income, crop failure, natural calamity(drought and flood), economic crisis, unemployment, lack of social support and increasing insecurity, it is fearfully expected that there would be a substantial increase in the number of people suffering from mental illness in rural areas.[5,6] Among priority non-communicable diseases in India, mental illness constitutes 26 percent share in the burden of disease and available data suggest that there would be a sharp increase in this incoming years. Projections suggest that the health burden due to mental disorders will increase to 15% of Disability Adjustment Life by Year (DALY) by2020.[5,6]

Despite NRHM initiatives and improvement, general health services in rural area are not adequate and are struggling with infrastructural, human resources and other problems. Only 31.9 percent of all government hospital beds are available in rural

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