

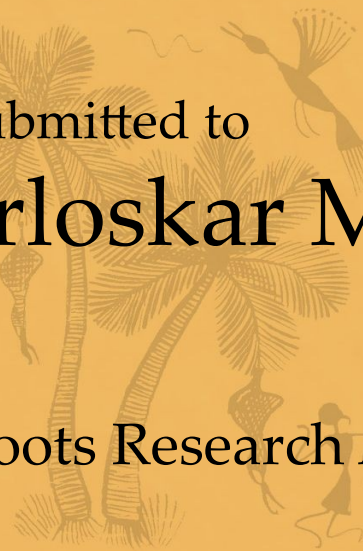


Health needs assessment in the Bidadi area

Submitted to

Toyota Kirloskar Motors

Grassroots Research And Advocacy Movement



The study area



- Four Gram Panchayats were selected from Ramnagara Taluk
- Bidadi, Byrmangala, Ittumadu and Manchanayakanahalli
- Bidadi & Ittumadu have been coalesced into a Town Panchayat now



Objectives of the study

- To understand the health issues being faced by the communities in the area
- To map the services offered by the local health facilities and services sought by the community (both public and private)
- To study the feasibility for initiating 'Health on Wheels' – a mobile health service project by TKM



Methodology

Tools for data collection

snow ball sampling methods

Qualitative analysis

In – depth interview

Focus Group Discussion (FGD)

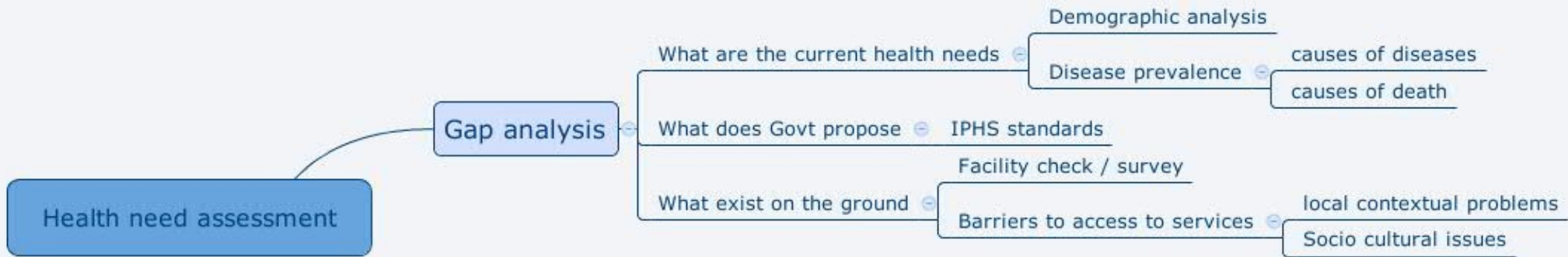
Data collection details

Particulars	Numbers
In – depth interview	24
FGD	9
Facility check	3

Participants in data collection process

Particulars	Participant details
In – depth interview	PHC Medical officer, Gyneochologist in the CHC, Staff nurse, ANM, Male Health Worker, Pharmasist, Anganwadi teacher, Village Health Rehabilitation Workers
Focus Group Discussion	women, men, old age men, old age women, adolescent girls, adolescent boys, ASHA,
Facility check	Bidadi CHC, Byrmangala and Ittumadu PHC

Focus of the study



Health need assessment is made by Gap analysis

- Current health needs of people – diseases prevalence, severity
- Govt regulations and standards for public health (IPHS)
- Ground realities – Facilities that are available in the field, contextual issues, lifestyle & socio-cultural issues, barriers to access & utility of available health services



Profile of the study area

- Agriculture, seri-culture, animal husbandry are the major agrarian occupations of this region
- Literacy rates:
 - Total (4 GPs) – 68.92% (Bidadi GP: 82%)
 - Male literacy – 75.4%
 - Female literacy - 61.6%.
- 48% of the population is classified as working population
- 39.7% of the working population engaged in agricultural activities and 60.22% engaged in non agricultural activities



Profile of the study area

- Small, medium and large scale industries attracts people from different parts of Karnataka.
 - Plywood, Threads, Electronics, Dying, Cocoon Processing, Crushers, Quarry, Garments, Automobiles, Food processing etc
- Migrants engaged even in agricultural activities
 - Mostly from North Karnataka



Prevalence of diseases

Children	Adolescent girls	Adolescent boys	Women	Diseases among men	Old age
Malnutrition Respiratory infection Typhoid Caught, cold and fever Stomach ache Skin allergy	Anemia White discharge Heavy bleeding, irregular periods Skin allergy	Fever skin allergy Gastritis Piles Jaundis stomach ache vision blur Join pain	White discharge Heavy bleeding, irregular periods Cervical cancer Blood Pressure Diabetes Skin allergy STD Piles Typhoid Depression	Asthama BP Diabetes Kidney stones Lung cancer Respiratory infections Skin allergy Gastritis Piles TB stomach ache Depression	Osteoporosis Asthama BP Diabetes Kidney failure Gastritis Cataract surgery & vision problem TB Typhoid skin allergy – itching stomach ache Paralysis attack



Causes of diseases and death (morbidity & mortality)

Major causes of diseases
Environmental pollution
Life style and socio cultural practices
Lack of nutrition or balanced diet
Lack of hygiene and sanitation
Lack of awareness

Category	Causes of death
Children	Children born with multiple disability due to marriage with in the close family members
	Respiratory infection
Women	Cervical cancer
	Heart attack
	Uncontrolled blood pressure and diabetes
	Depression and suicide
Men	Heart attack
	TB
	Depression and suicide
	Uncontrolled blood pressure and diabetes
	Brain hemorrhage
	Asthma
Alcohol	

Facility mapping

- Public health infrastructure is within the requirements of IPHS standards. However, there is shortage of human resources.
- However, doctors feel that the health infrastructure & HR meets the health needs of the community

Health centres	Infrastructure	HR	Population coverage
Bidadi CHC	(24/25)	(23/42)	(28794/125000)
Byrmangala PHC	(20/21)	(10/17)	(13200/30000)
Ittumadu PHC	(20/21)	(10/17)	(11123/30000)



Local contextual issues affecting health

- Pollution of Vrushbhavati river and contamination of underground water causing diseases like respiratory infection, skin allergy, fever cold and cough
- Production of crops using contaminated water and change in life style has lead to diseases like BP, Diabetes, Piles, malnutrition, anemia, osteoporosis etc
- Lack of awareness & care (diseases, sanitation, lifestyle & diet), lack of hygiene and sanitation facilities lead to issues like typhoid, jaundice, cholera etc
- Language barriers to understand migrants health issues
- Interior villages consists of small scale factories or industries, reaching there and providing health services is difficult
- Child marriage
- Early pregnancy



Recommendations

- Water purification unit to clean Vrushabhavati river
- Use of technology (Patient databases, IVR, SMS intimation) to enhance effectiveness of service delivery, patient monitoring and prior intimation (for hospital visits, immunization etc), which helps in regular follow up of patients, screenin1g the patients etc
- Regular screening of diseases like cervical cancer, breast cancer, lung cancer, TB, cataract testing etc would help to identify the diseases among people
- Establishment of generic medical shops, where patients could buy the required medicine at the low cost



Mobile health facility

- There are niche areas where a mobile health facility could contribute critically in the overall public health ecosystem.
 - Focus on vulnerable, isolated areas
 - Focus on migrant and tribal populations
- Specific services to be considered
 - Counseling for Psychosomatic disorders, STDs & depression
 - Screening of diseases, regular follow up of patients
 - Awareness program, specifically about lifestyle issues, sanitation & reproductive and child health issues
 - Supply of medicines for Diabetes, IFA, STDs



THANK YOU!



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