

A Study on The Role of Primary Health Centres Run by Pune Zilla Parishad in Maharashtra

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Introduction:

Present research study provides a comprehensive analysis of the role of Primary Health Centers operated by Pune Zilla Parishad, offering valuable insights for policymakers, healthcare practitioners, researchers, and stakeholders committed to advancing public health and healthcare delivery in Pune district. In the sprawling landscape of Pune, Maharashtra, lies a network of Primary Health Centers (PHCs) that serve as the backbone of healthcare delivery to its residents. These PHCs, administered and operated by the Pune Zilla Parishad, stand as vital pillars of community health, catering to the diverse healthcare needs of the populace. With a commitment to providing accessible and affordable healthcare, these centers play a pivotal role in ensuring the well-being of the community they serve. There are 101 primary health centres in Pune district and more than 225 medical officers. A survey was conducted to find out the common illnesses that people sought treatment for. The details were recorded and analyzed whether it was a common cold, headache, joint pain or communicable diseases like tuberculosis and even non communicable diseases like diabetes and hypertension. The details have also been listed about the medico-legal challenges and cases that medical officers at the rural primary health center may have to tackle.

A Hub of Community Health:

The PHCs run by Pune Zilla Parishad serve as a hub of community health, offering a wide array of services ranging from preventive care to treatment of acute illnesses. Equipped with trained healthcare professionals, these centers provide essential medical services, including routine check-ups, vaccinations, maternal and child health services, family planning, and treatment of common ailments. Moreover, they serve as the first point of contact for individuals seeking medical assistance, functioning as gatekeepers to the healthcare system.

Accessibility and Outreach:

One of the key strengths of the PHCs operated by Pune Zilla Parishad is their strategic location, ensuring accessibility to even the remotest corners of the district. Recognizing the importance of reaching out to underserved communities, these centers are often situated in rural areas and urban slums, where access to healthcare facilities may be limited. Additionally, mobile health units are deployed to reach communities situated in geographically isolated regions, further extending the reach of healthcare services.

Community Engagement and Empowerment:

Beyond providing medical treatment, PHCs foster community engagement and empowerment by conducting health awareness campaigns, workshops, and outreach programs. These initiatives aim to educate the community about preventive healthcare practices, hygiene, nutrition, and family planning. By empowering individuals with knowledge and skills to take charge of their health, these centers contribute significantly to improving overall health outcomes and reducing the burden of preventable diseases.

Collaborative Efforts:

The success of PHCs operated by Pune Zilla Parishad is also attributed to collaborative efforts with various stakeholders, including non-governmental organizations, local community leaders, and government agencies. Through partnerships and collaborations, these centers leverage resources, expertise, and support to enhance the quality and scope of healthcare services offered. Furthermore, active involvement of the community in the decision-making process ensures that healthcare services are tailored to meet the specific needs of the local population.

Challenges and Opportunities:

Despite their significant contributions, PHCs face several challenges, including limited resources, infrastructure constraints, and shortages of skilled healthcare professionals. However, these challenges also present opportunities for innovation and improvement. Through investments in infrastructure development, capacity building, and technology integration, PHCs can enhance their efficiency and effectiveness in delivering healthcare

services. Additionally, strengthening partnerships with private healthcare providers and leveraging digital health solutions can further augment the reach and impact of these centres.

Primary Health Centers (PHCs) operated by Pune Zilla Parishad serve as crucial healthcare hubs, offering a wide range of essential services and facilities to the residents of Pune district. These centers play a pivotal role in providing accessible and affordable healthcare to the community, with a focus on preventive, promotive, and curative services. Below are the key services and facilities typically provided by PHCs run by Pune Zilla Parishad:

1. Preventive Healthcare Services:

- **Immunization Programs:** PHCs administer routine vaccinations to children and adults as per the national immunization schedule, aimed at preventing communicable diseases.
- **Antenatal Care (ANC):** Provision of prenatal care to pregnant women, including regular check-ups, nutritional counseling, and monitoring of fetal development to ensure a healthy pregnancy outcome.
- **Family Planning Services:** Counseling and provision of contraceptive methods to promote family planning and reproductive health.
- **Screening and Early Detection:** Conducting screening programs for common ailments such as hypertension, diabetes, tuberculosis, and cancer to facilitate early detection and timely intervention.
- **Health Education:** Organizing health awareness campaigns, workshops, and community outreach programs to educate individuals about preventive healthcare practices, hygiene, nutrition, and lifestyle modifications.

2. Curative Healthcare Services:

- **Outpatient Care:** Diagnosis and treatment of common illnesses, minor injuries, and ailments through outpatient consultations with qualified medical professionals.
- **Basic Laboratory Services:** Conducting diagnostic tests such as blood tests, urine analysis, and basic imaging (X-rays) to aid in the diagnosis and management of medical conditions.
- **Medication Dispensing:** Provision of essential medicines free of cost or at subsidized rates to patients, as per the essential drug list and treatment protocols.

- **Referral Services:** Referring patients requiring specialized medical care or advanced diagnostic procedures to higher-level healthcare facilities such as sub-district hospitals or tertiary care centers.

3. Maternal and Child Health Services:

- **Delivery Care:** Provision of basic obstetric care and assistance during childbirth, including safe delivery practices and management of obstetric emergencies.
- **Postnatal Care:** Follow-up care for mothers and newborns post-delivery, including breastfeeding support, newborn care, and postnatal check-ups to ensure maternal and neonatal well-being.
- **Child Health Services:** Well-baby clinics, growth monitoring, immunizations, and treatment of common childhood illnesses to promote child health and development.

4. Emergency Services:

- **First Aid:** Providing immediate medical assistance and first aid treatment for emergencies, accidents, and injuries.
- **Stabilization:** Stabilizing patients in critical condition before transferring them to higher-level healthcare facilities for further evaluation and management.

5. Community Outreach and Support Services:

- **Mobile Health Units:** Deploying mobile health teams to remote and underserved areas to provide healthcare services, particularly in areas with limited access to fixed healthcare facilities.
- **Health Camps:** Organizing health camps for specialized services such as eye care, dental care, and screening programs for specific health conditions.
- **Nutritional Support:** Providing nutritional supplements, therapeutic feeding, and counseling for malnourished individuals, pregnant women, and children.

6. Health Information Systems and Record-Keeping:

- **Patient Records:** Maintaining electronic or paper-based medical records of patients, including demographic information, medical history, treatment details, and follow-up care.

- **Reporting and Surveillance:** Reporting of disease outbreaks, public health events, and health indicators to higher health authorities for surveillance and epidemiological monitoring.

7. Ancillary Services:

- **Health Education and Counseling:** Providing counseling on various health-related issues such as family planning, nutrition, hygiene, and lifestyle modifications.
- **Community Participation:** Engaging community members in healthcare decision-making, awareness campaigns, and health promotion activities to foster a sense of ownership and responsibility towards health.

In summary, Primary Health Centers operated by Pune Zilla Parishad offer a comprehensive range of services and facilities aimed at addressing the primary healthcare needs of the community, with a strong emphasis on preventive care, maternal and child health, and community outreach. These centers serve as frontline healthcare providers, playing a vital role in promoting health, preventing diseases, and improving the overall well-being of the population in Pune district.

Primary Health Centers (PHCs) run by Pune Zilla Parishad are integral components of the healthcare infrastructure, offering a variety of medical services aimed at addressing the primary healthcare needs of the community. Here's an overview of the medical services typically provided by these PHCs:

1. Outpatient Services:

- **General Consultation:** Qualified medical professionals, including doctors and nurses, provide consultations for various health concerns, including common illnesses, minor injuries, and chronic conditions.
- **Diagnostic Evaluation:** Basic diagnostic services such as physical examinations, vital signs monitoring, and symptom assessment are conducted to aid in diagnosis and treatment planning.

2. Immunization Programs:

- **Routine Vaccinations:** PHCs administer vaccinations according to the national immunization schedule, including vaccines for diseases such as polio, measles, tetanus, hepatitis, and influenza, among others.
- **Vaccination Counseling:** Healthcare providers offer information and counseling to individuals and families about the importance of vaccinations, vaccine schedules, and potential side effects.

3. Maternal and Child Health Services:

- **Antenatal Care (ANC):** Pregnant women receive prenatal care, including regular check-ups, monitoring of maternal health, and screening for complications such as gestational diabetes and hypertension.
- **Delivery Care:** Basic obstetric care is provided to pregnant women during childbirth, including assistance with normal deliveries and management of obstetric emergencies.
- **Postnatal Care:** Follow-up care for mothers and newborns after delivery, including postnatal check-ups, breastfeeding support, and monitoring for postpartum complications.
- **Child Health Clinics:** Well-baby clinics are conducted for infants and young children to monitor growth and development, provide immunizations, and address common childhood illnesses.

4. Family Planning and Reproductive Health Services:

- **Contraceptive Counseling:** Counseling on various contraceptive methods, including oral contraceptives, condoms, intrauterine devices (IUDs), and sterilization procedures.
- **Provision of Contraceptives:** Dispensing of contraceptive methods based on individual preferences and medical eligibility criteria.
- **Prevention of Mother-to-Child Transmission (PMTCT):** Services aimed at preventing transmission of HIV and other sexually transmitted infections from mother to child during pregnancy, childbirth, and breastfeeding.

5. Treatment of Common Ailments:

- **Management of Acute Illnesses:** Treatment of common ailments such as respiratory infections, gastrointestinal disorders, skin conditions, and urinary tract infections.

- **Chronic Disease Management:** Basic management and monitoring of chronic conditions such as hypertension, diabetes, asthma, and epilepsy through medication management and lifestyle counseling.

6. Emergency Care and First Aid:

- **First Aid Services:** Immediate medical assistance and first aid treatment for minor injuries, wounds, burns, and other emergencies.
- **Stabilization and Referral:** Stabilization of patients in critical condition before referral to higher-level healthcare facilities for further evaluation and management.

7. Health Promotion and Education:

- **Health Education Sessions:** Conducting health education sessions and workshops on topics such as hygiene, nutrition, sanitation, family planning, and disease prevention.
- **Health Awareness Campaigns:** Organizing community outreach programs, health camps, and awareness campaigns to promote healthy behaviors and preventive healthcare practices.

8. Medication Dispensing and Pharmacy Services:

- **Dispensing of Essential Medicines:** Provision of essential medications free of cost or at subsidized rates to patients based on prescribed treatment regimens and standard treatment protocols.
- **Pharmacy Services:** Maintenance of pharmacy stocks, inventory management, and quality assurance measures to ensure the availability and safety of medications. Primary Health Centers operated by Pune Zilla Parishad play a crucial role in delivering a range of medical services to the community, focusing on preventive care, maternal and child health, family planning, treatment of common ailments, and emergency care. These services are essential in addressing the primary healthcare needs of the population and promoting overall health and well-being in Pune district.

Conclusion:

The Primary Health Centers operated by Pune Zilla Parishad stand as beacons of hope, providing essential healthcare services to communities across Pune district. With a focus on accessibility, community engagement, and collaborative efforts, these centers play a crucial role

in promoting health and well-being among the populace. As we navigate the evolving landscape of healthcare, it is imperative to recognize and support the invaluable contributions of PHCs in fostering healthier and more resilient communities.

References

1. <https://indianexpress.com/article/cities/pune/pune-zilla-parishad-releases-medical-officers-manual-towards-improving-quality-of-diagnosis-8218632/#:~:text=There%20are%20101%20primary%20health,more%20than%20225%20medical%20officers.>
2. 1. Day RE, Sahota P, Christian MS. Effective implementation of primary school-based healthy lifestyle programmes: A qualitative study of views of school staff. *BMC Public Health* 2019;19:1239.
3. Organization WH. Improving Health through Schools: National and International Strategies; 2000. Available from: [https:// apps.who.int/iris/handle/10665/66314](https://apps.who.int/iris/handle/10665/66314). [Last accessed on 2021 May 17].
4. Galloway R. Global nutrition outcomes at ages 5 to 19. In: Bundy DAP, Silva N de, Horton S, Jamison DT, Patton GC, editors. *Child and Adolescent Health and Development*. Washington (DC): The International Bank for Reconstruction and Development/The World Bank; 2017.
5. Kakeri M, Howal PV, Chaudhari YF. Health profile of school children of two schools in Palghar district, western Maharashtra, India. *Int J Community Med Public Health* 2018;5:4746-50.
6. Dimmala C, Burra K. A study on nutritional status and environmental conditions of school children residing in social welfare hostels in urban area of a South Indian city. *Int J Community Med Public Health* 2019;6:3694-8.
7. Pise K, PA G, Sankarnarayanan S. Nutritional status and morbidity profile of institutionalized children in an urban slum of Mumbai city. *Asian J Med Res* 2012;1:74-8.
8. Abraham SB, Chauhan RC, Rajesh M, Purty AJ, Singh Z. Nutritional status and various morbidities among school children of a coastal area in South India. *Int J Res Med Sci* 2017;3:718-22.

9. Madhavi K, Kumar B. A study on morbidity pattern of school children aged 5-15 yrs in an urban area of Guntur. *J Evol Med Dental Sci* 2013;2:6566-72.
10. Gokhale CN, Borgaonkar CA, Shanbhag SS, Solanki MJ, Rasal MM. Morbidity pattern among primary school children in a tribal area of Maharashtra. *Int J Community Med Public Health* 2017;5:165-9.
11. National Family Health Survey. Available from: http://rchiips.org/nfhs/factsheet_nfhs-4.shtml. [Last accessed on 2021 May 17].
12. School Education | Government of India, Ministry of Education. Available from: <https://www.education.gov.in/en/mid-day-meal>. [Last accessed on 2021 May 17].
13. Mid Day Meal. Available from: <https://education.maharashtra.gov.in/mdm/mdms/register/language:eng>. [Last accessed on 2021 May 21].
14. Rodríguez-Escobar G, Vargas-Cruz SL, Ibáñez-Pinilla E, Matiz-Salazar MI, Jörgen-Overgaard H. Relationship between nutritional status and school absenteeism among students in rural schools. *Rev Salud Publica (Bogota)* 2015;17:861-73.
15. Muhammad GM, Ganesan S, Chacko TV. Effectiveness of multi-strategic health screening cum educational intervention model in promoting health of school children in rural Coimbatore. *Indian J Public Health* 2019;63:133-8.