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State Health Systems Resource Centre, Kerala (SHSRC-K)

State Health Systems Resource Centre, Kerala (SHSRC-K), was established in 2008-09 as a technical support organization for the Department of Health & Family Welfare, Government of Kerala. The main objective of SHSRC-K has been to undertake research, evaluate and provide technical support aimed at strengthening the health system of Kerala. In the year 2013-14, Government of Kerala accorded SHSRC-K as an autonomous body under the Department of Health And Family Welfare with the objective of advising the government on a regular basis on policy and strategy development and to mobilize technical assistance for specific health system issues. SHSRC-K has been formed on the lines of National Health Systems Resource Centre (NHSRC), New Delhi, a technical support organization to National Health Mission, Government of India.

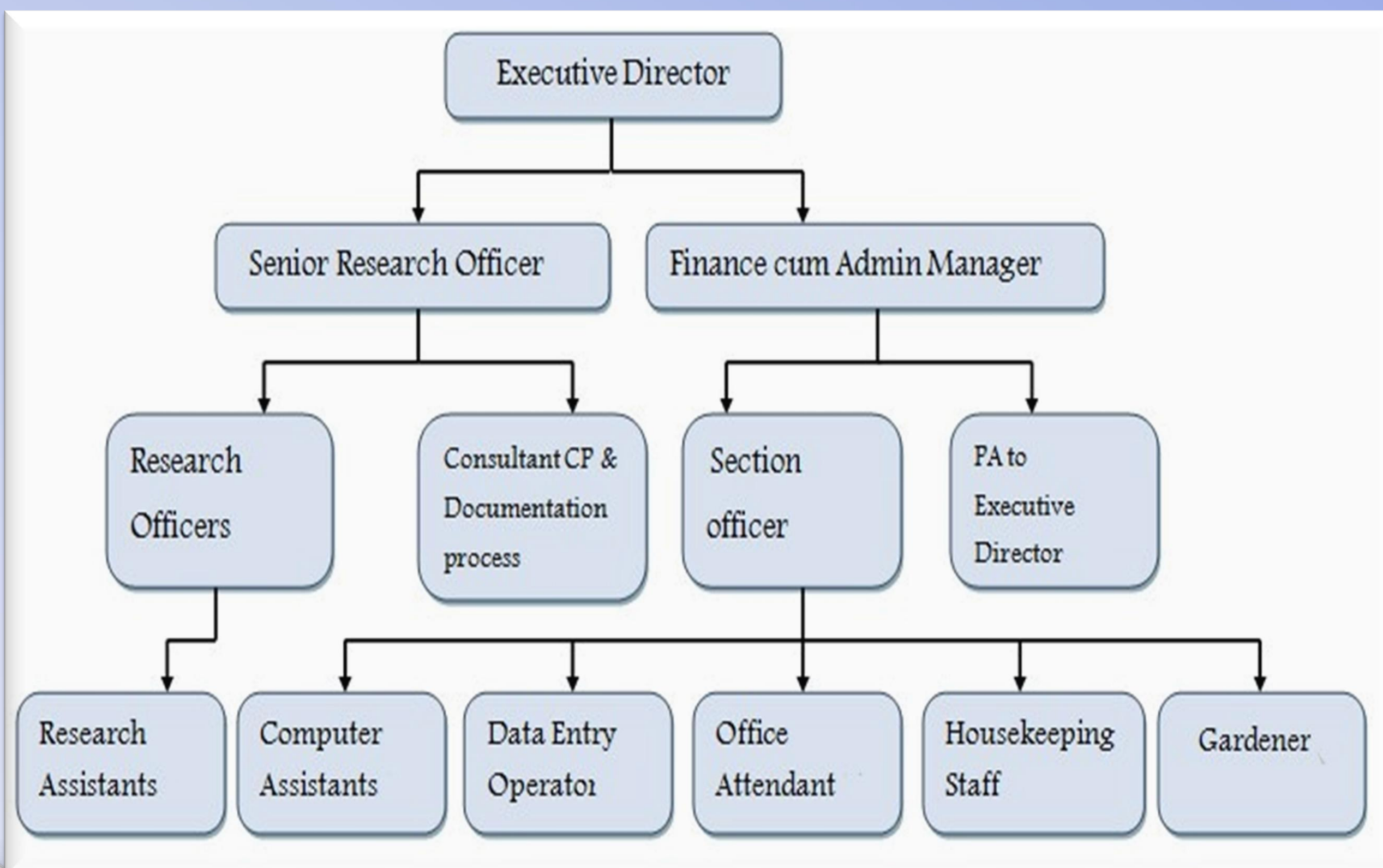
Vision

To assist the Health System in Kerala to provide equitable, affordable, accessible and quality health care services to all with accountability and responsiveness.

Mission and Objectives

- To undertake research, evaluation and technical support in various aspects of health system aimed at improving the state health system.
- To develop operational guidelines for the implementation of various health programs at the State and District level.
- To develop appropriate policies and guidelines based on evidence-based research.
- To evaluate and assess various health schemes/programs operational in the state of Kerala.
- To publish journals, reports and working papers in various domains of health systems aimed at improving the state health system.

ORGANOGRAM



LEARNINGS

- Learnt to draft research proposals.
- Learnt to draft literature review.
- Learnt to draft notes for a meeting and meeting minutes.
- Application of basic concepts of epidemiology and research methodology.
- Budgeting of intervention projects.
- Learnt to draft survey tools and in- depth interview guides.
- Data collection method through survey questionnaires, in depth interviews.
- Evaluation of projects.
- Data entry, cleaning and analysis.
- About various health programs of government.
- Transcription of in-depth interviews.
- Manual preparation for intervention programs.

TITLE- 'Evaluation of the functioning of Public Dental OPD clinics in Thiruvananthapuram district of Kerala, India.

Objectives:

1. To examine the available facilities, services, infrastructure and human resources at Public dental centers in Trivandrum district.
2. To understand the perceptions of implementing officers and Health Care Workers (HCWs) regarding facilitators and barriers in delivering services at Public dental Centers.
3. To explore the perceptions of patients about facilitating factors and challenges in seeking care from Public dental center.
4. To document innovative approaches in service delivery for complementary/cross learning by other Public dental centers.

METHODOLOGY

- Study design: This will be a mixed study with a descriptive cross-sectional survey, Key Informant Interviews, and In-depth Interviews.
- Study setting: The study setting will be all public dental care centers in the Thiruvananthapuram district.
- Study population:
 - a. Implementing and supervisory staff (District Oral Health officer, Financial Managing Groups).
 - b. Health care staff serving at the Public dental centers in Trivandrum district (Dental surgeon, Dental hygienist, Dental assistant, Dental mechanic/technician).
 - c. Patients seeking dental services from these centers
 - d. Beneficiaries who do not utilize services of their nearby Public dental center.
- Study duration: 3 months (April to June 2023)
- Sample size: a) Public dental centers will be chosen - at all levels like FHC's, CHC's, general hospital, Taluk hospital, District hospital, and from Government Dental College.
b) For objective 2, 3 & 4: Purposive sampling of implementing, supervisory, beneficiaries and other health care staff will be done.

Tools and techniques of data collection

For Objective 1

Observation techniques- observation checklist to examine the available facilities, services and infrastructure.

For Objective 2 & 4

In depth interview guides – qualitative perspectives and experiences.

For Objective 3

Semi structured interviews – quantitative technique.

SWOT ANALYSIS

STRENGTHS

- Improved oral health
- Increased access to dental care
- Early detection and treatment
- Positive public health impact
- Improved quality of life

WEAKNESSES

- Limited resources
- Accessibility barriers
- Limited scope of services
- Lack of oral health awareness

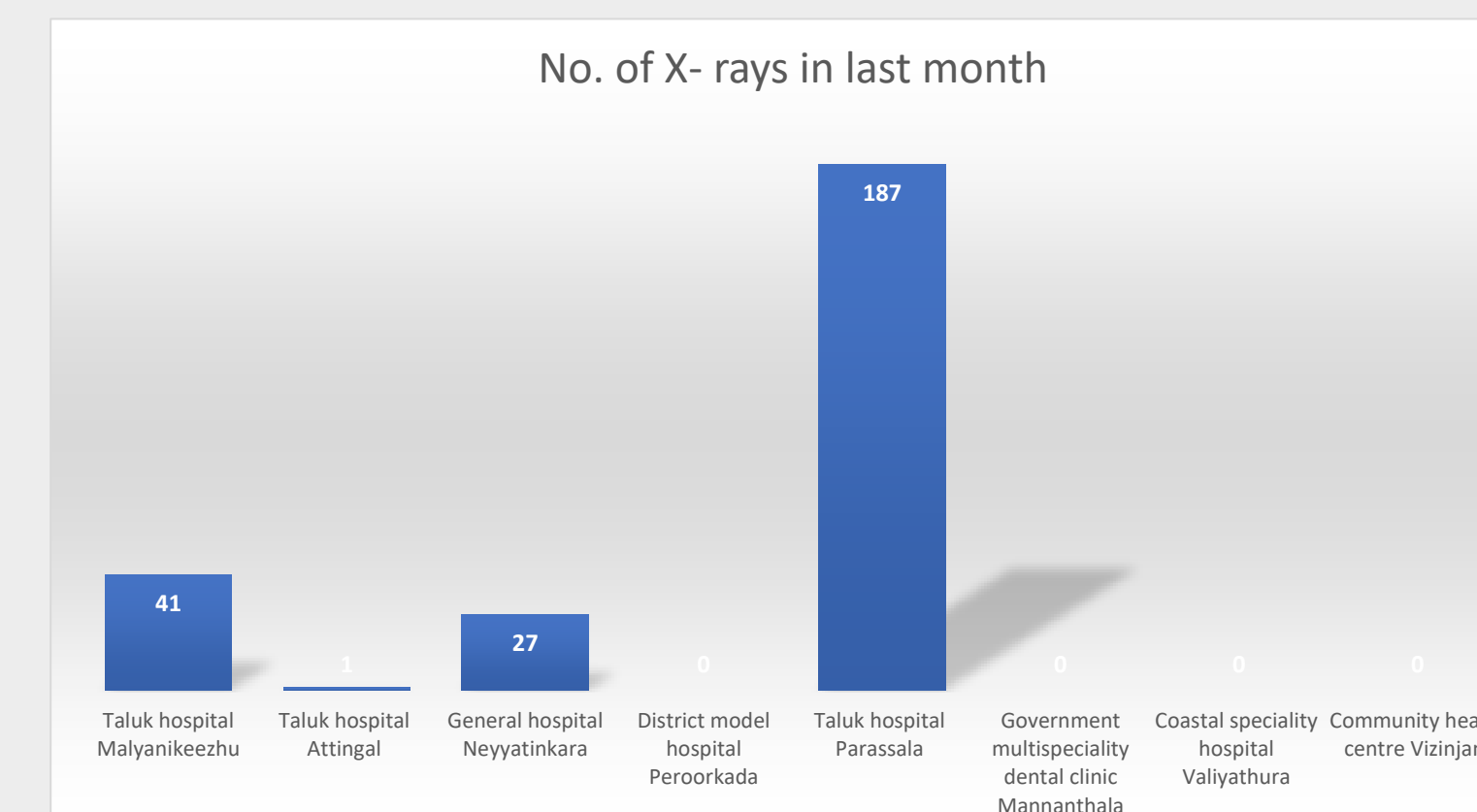
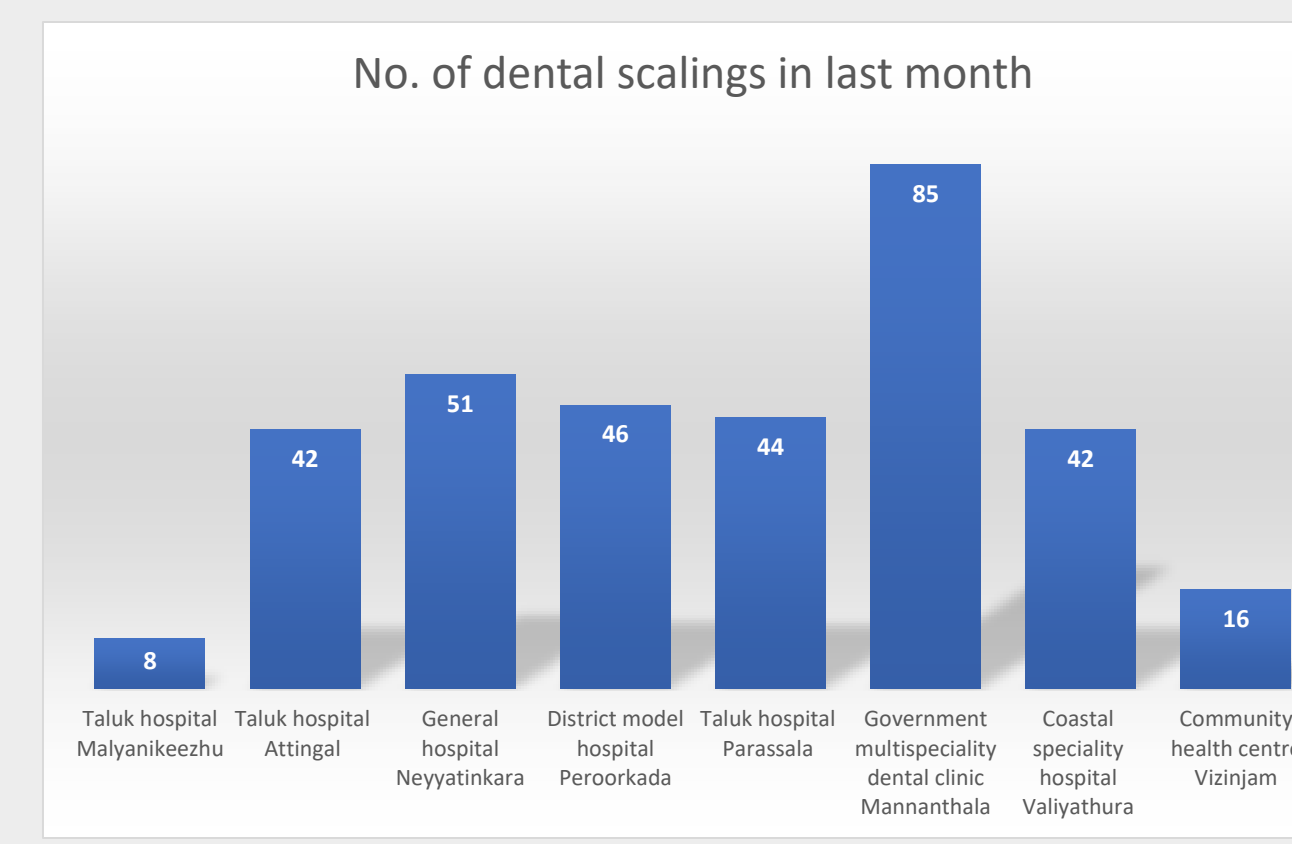
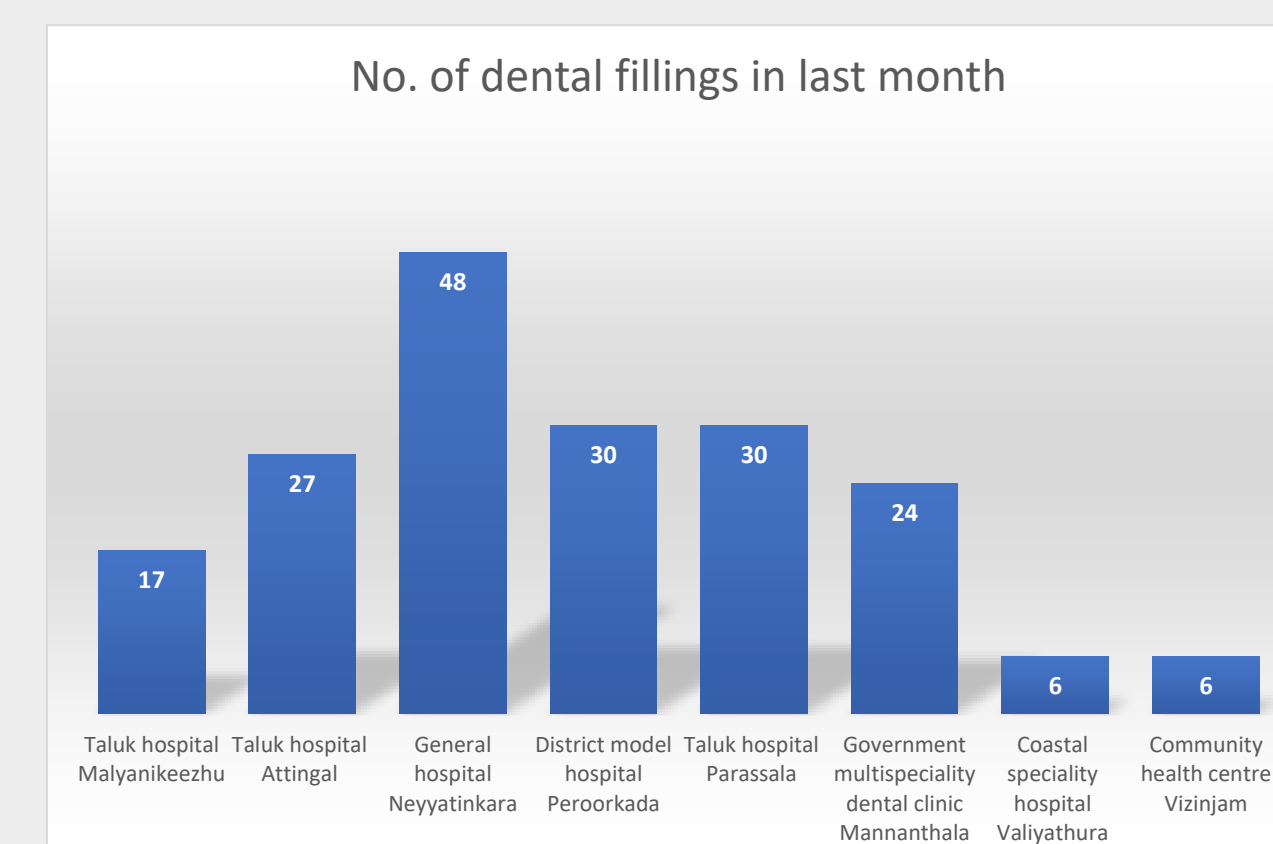
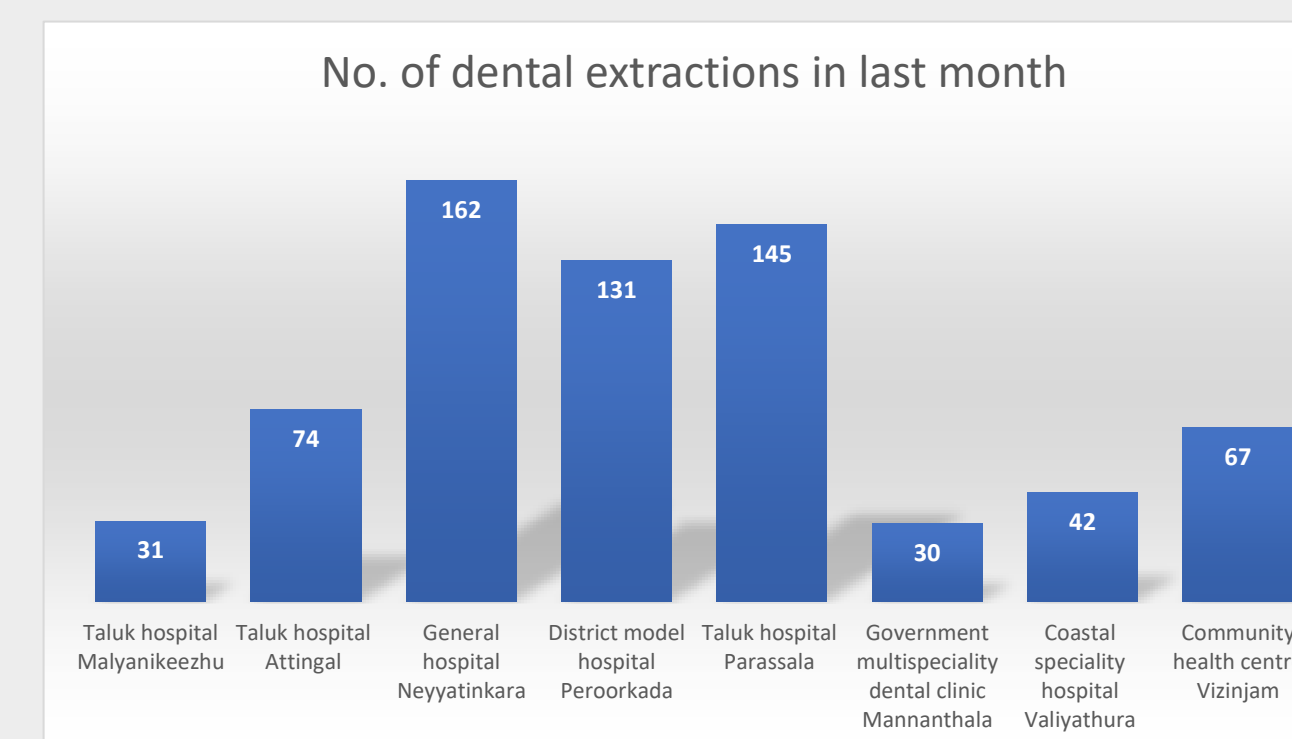
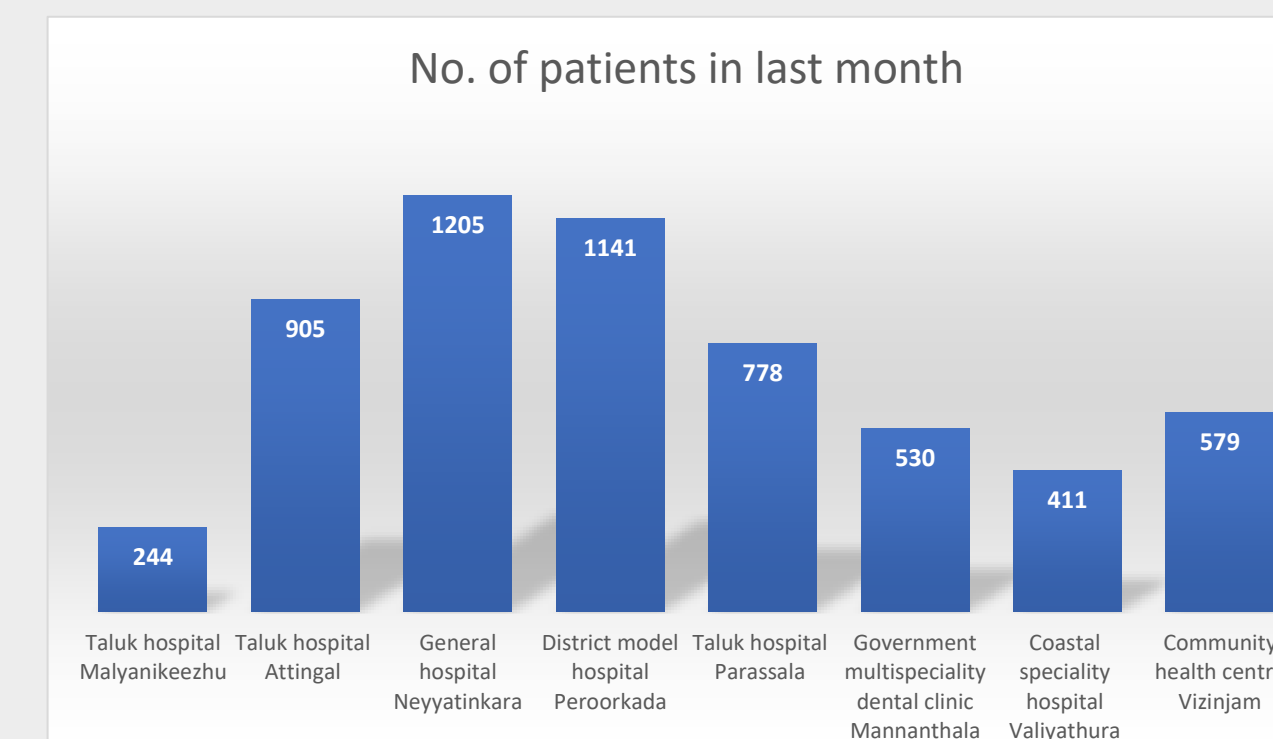
OPPORTUNITIES

- Integration with primary healthcare
- Technological advancements
- Oral health education
- Mobile and outreach programs
- Research and evidence based practices

THREATS

- Financial constraints
- Workforce shortage
- Evolving needs of the community
- Public perception and attitudes
- Infrastructure and resource limitation

The data was collected from Taluk Hospital Malayinkeezhu, Taluk Hospital Attingal, General Hospital Neyyattinkara, District model Hospital Peroorkada, Taluk Hospital Parassala, Government Multispeciality Dental Clinic Mannanthala, Coastal Speciality Hospital Valiyathura and Community Health Centre Vizinjam.



Result and conclusion

- The graphs depict the monthly foot fall and how many patients have come last month to get basic procedures in the clinic like extractions, scaling, filling etc.
- Even though the average foot fall of patients varies from hospital to hospital, General hospital Neyyattinkara had highest while it was lowest at Taluk hospital Malayinkeezhu.
- The highest extraction procedure occurred highest in General hospital Neyyattinkara while the lowest among the hospitals was at Taluk hospital Malayinkeezhu.
- General hospital Neyyattinkara had higher filling procedures while it was lowest at coastal speciality hospital valiyathura and community health center vizinjam.
- Government multispeciality dental clinic, mannanthala had highest record of dental scalings last month while lowest at taluk hospital malayinkeezhu.
- X- rays were taken highest at taluk hospital parassala in last month and lowest at district model hospital peroorkada, government multispeciality dental clinic mannanthala, coastal speciality hospital valiyathura and community health center vizinjam.

Through this project, we could analyze the status of dental care in targeted population, the areas of improvement and opportunities for future interventions.

Flowchart from problem till policy change

