



TELEPRIMARY CARE AND ORAL HEALTH CLINICAL INFORMATION SYSTEM

INTRODUCTION

Teleprimary Care and Oral Health Clinical Information System (TPC-OHCIS) is a holistic clinical information system for primary and oral health with an Electronic Medical Record; that is used in Malaysian Government's primary healthcare facilities.

The Malaysian homegrown system was developed in partnership between Ministry of Health (MOH), Ministry of Energy, Science, Technology, Environment and Climate Change (MESTECC), and MIMOS as the technology partner.

It is a complete healthcare IT system specifically designed to meet the requirements of primary health care in Malaysia which is comprehensive and delivers promotive, preventive, curative and rehabilitative services. In the era of patient engagement, TPC-OHCIS also provides Self-Monitoring Portal for patients to record and share their self-examination with healthcare providers.

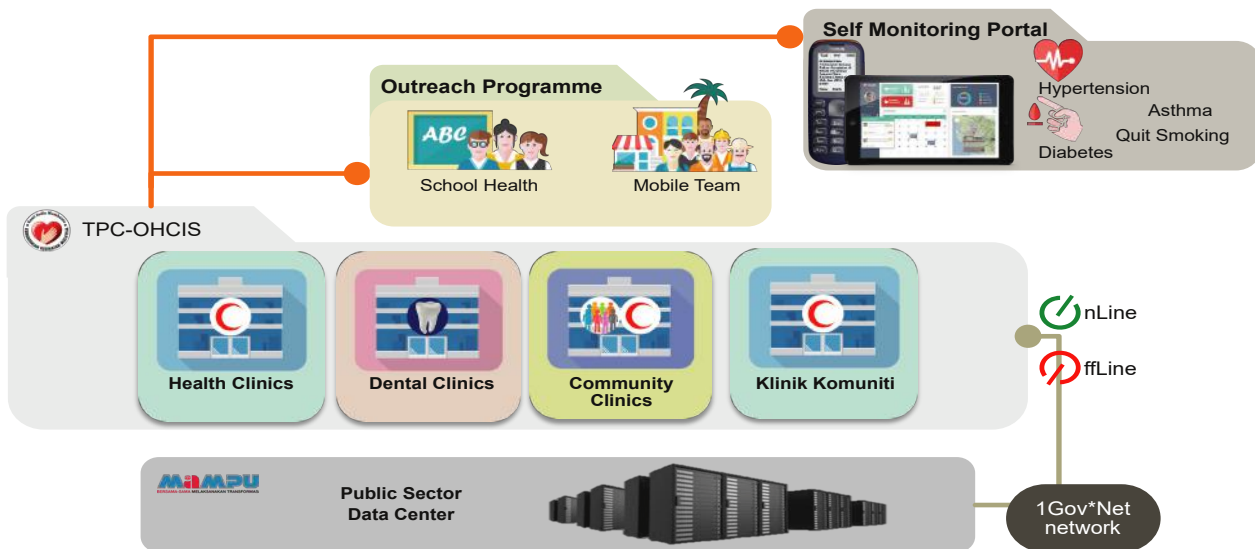
As the system which is at the forefront of healthcare services to citizens, TPC-OHCIS is used for daily clinic operations and its' real time data management provides insights into health data as well as management data that can be analyzed for the nation's healthcare services improvement planning.

VISION

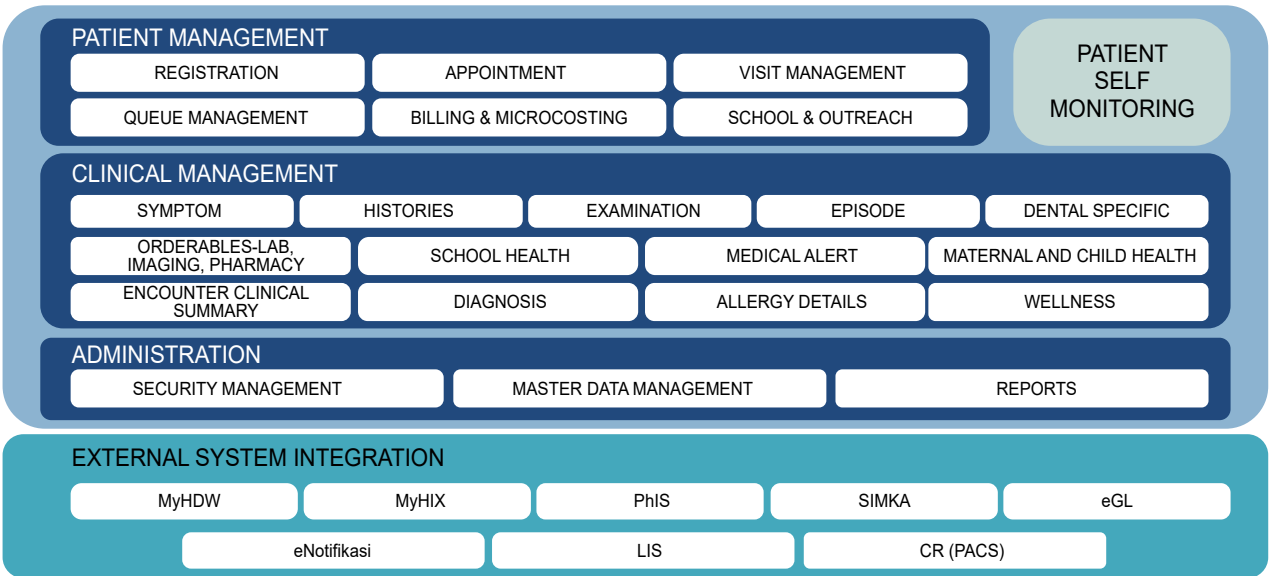
Realisation of an Electronic Medical Record in support of health care transformation.

MISSION

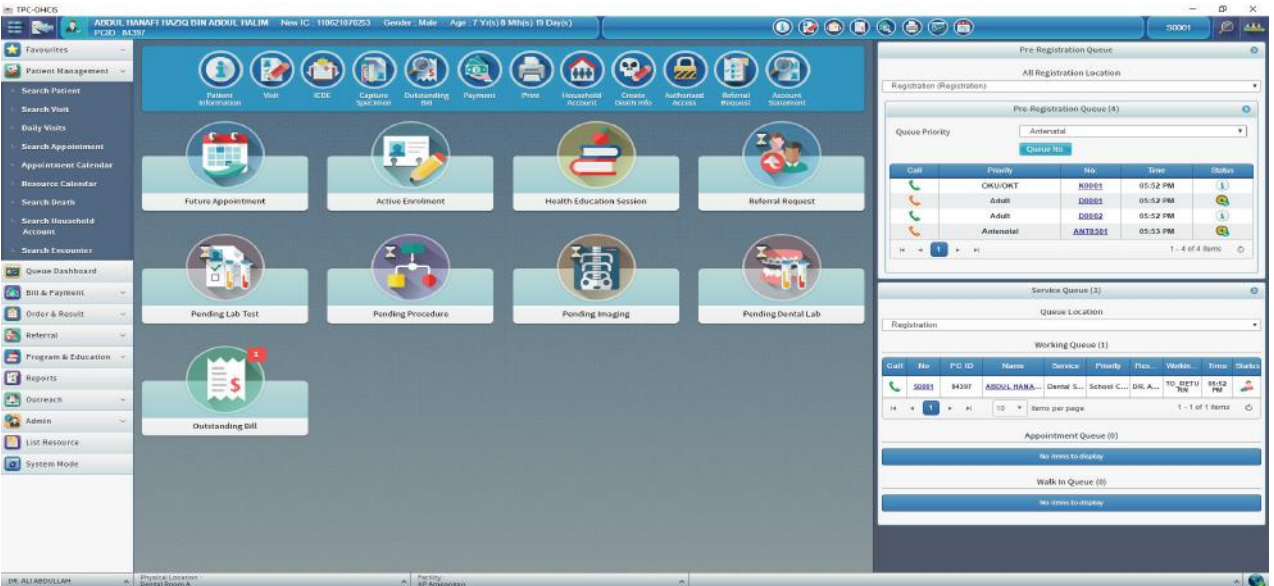
Delivery of an efficient and integrated primary health care services through TPC-OHCIS.



TPC-OHCIS Architecture



TPC-OHCIS Content



TPC-OHCIS User Interface

BENEFITS

The main impacts of TPC-OHCIS are:

1

Integrated system for Primary Health Care and Oral Health Care

- Sharing of clinical records ensures continuous delivery of health services across disciplines.

2

Cloud-Based System with Offline Mode

- The centralized database allows clinical records to be accessible from any location that has TPC-OHCIS system, enabling continuity of patient care.
- Offline mode enables continuous clinics operation when the Wide Area Network (WAN) connectivity is disrupted.

3

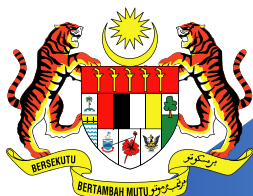
Support Outreach Healthcare Services

- With its Outreach Mode, TPC-OHCIS can be used outside the clinic environment for School Health Programs and Mobile Clinics, which further enable healthcare services deliveries to needy citizens.

4

Integration with external systems

- Increase workflow automation within clinics with integrations to Pharmacy Information System (PhIS), Lab Information System (LIS) and Computerized Radiography system.
- Reduce time consuming clerical works with integration to other Government's support systems such as eGL, MIMS, MyHDW, SIMKA and eNotifikasi.



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