

# An Electronic Clinical Management System to support Peer Navigator-social mobilization of youth into decentralised HIV prevention and sexual health services in rural KwaZulu Natal.

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## 1. Objective

To describe how an electronic clinical management system can support decentralized care, supervision and collection of programme level data for Thetha Nami ngithethe nawe (Talk to me).



## 2. Method

Thetha Nami ngithethe nawe are 40 pairs of area-based Peer Navigators (PNs) reporting to 8 Peer Navigator Supervisors (PNSups).

PNs deliver psychosocial and health needs assessments to tailor health promotion, support, and referrals. PNs provide condoms, HIV and pregnancy tests, and ART/PrEP adherence support.

October 2021 to May 2022, young people's engagement pathways with and between PNs, PNSups and the Thetha Nami Review Committee (Nurse, Social Worker and Social Scientists) were mapped with data-managers to develop an integrated electronic clinical management system to support personalized (tailored) care, and evaluation of the programme.

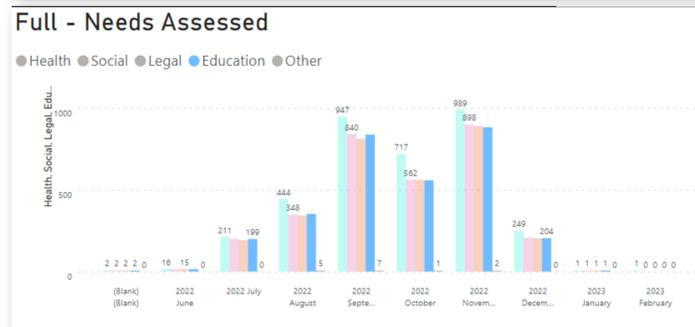
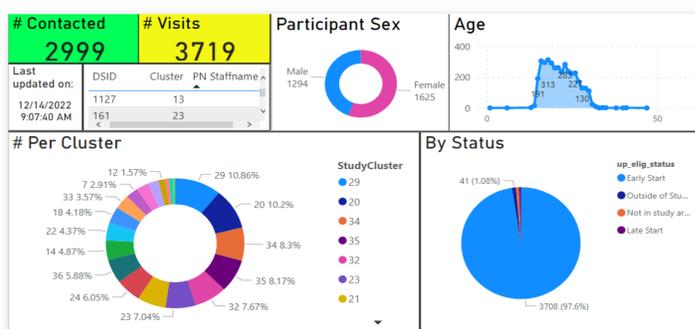


Figure 2: Examples of dashboards

## 4. Conclusions

This integrated information system supports decentralized tailored care for young people, allows real time decision making and monitoring, and provides aggregate programme-level data for evaluation.

Key words: electronic management system, peer navigators, supervision, managing community health

## 3. Results

PNs use REDCap's online web interface on smartphones to capture engagements with young people. Using the needs assessment PNs categorise participants into low, medium or high need, each activating specific pathways (Figure 1):

- **Low need** – Provide relevant information and follow up PN assessment within 3 months.
- **Medium need** – The identified need triggers a cascade of actions including an alert to the PNSup for evaluation and appropriate referral advice. Health related referrals are directed to the mobile clinics, managed by a nurse, and referred to the PN for following up activities.
- **High need** – The PNSup is alerted and escalates the case to the Review Committee (RC). The RC creates a tailored action plan with referrals to appropriate services (including the mobile clinic). A feedback loop ensures resolution of need, or triggers escalation. All the above data are presented on interactive dashboards used for real-time decision making. (Figure 2)

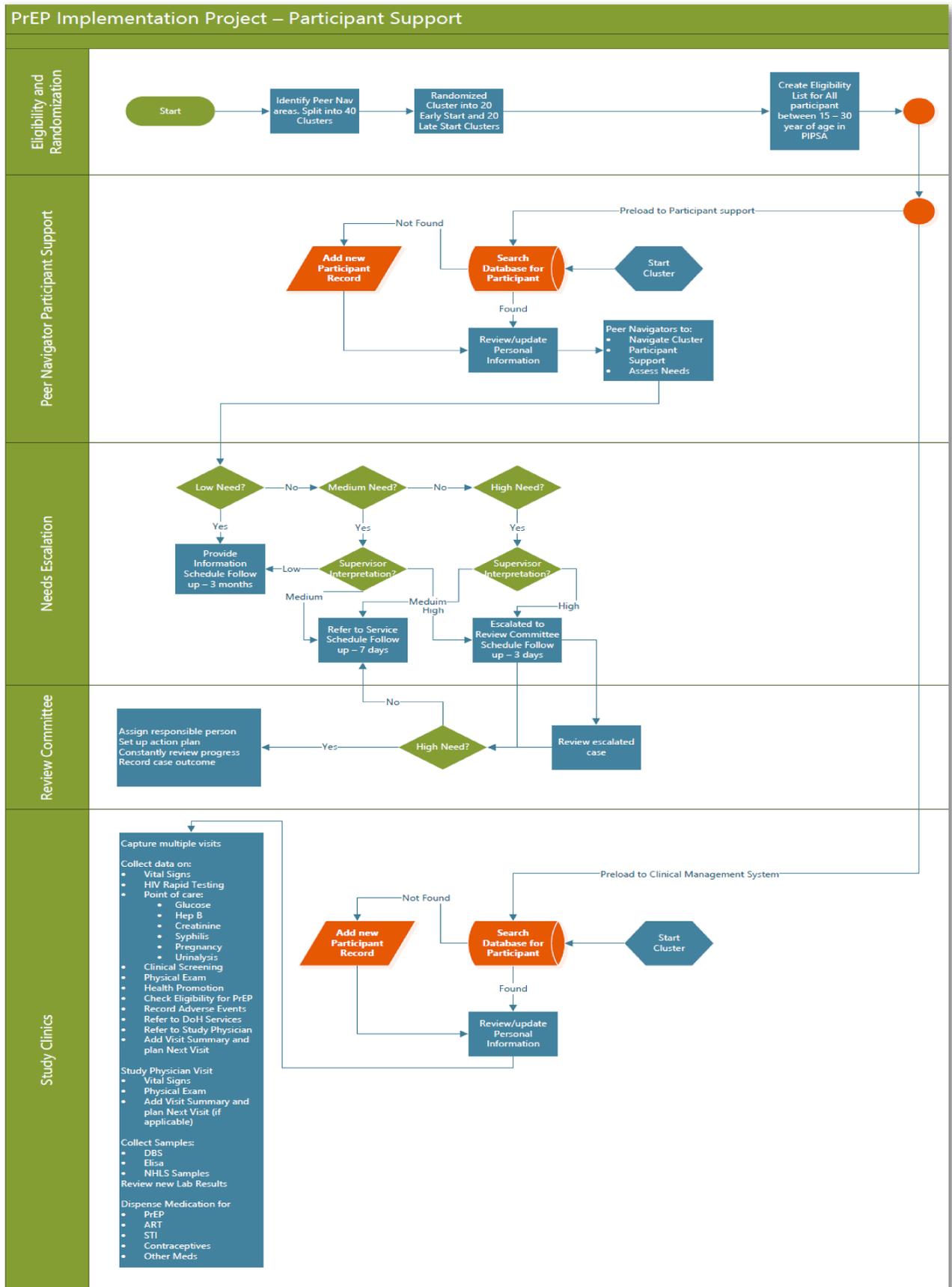


Figure 1: Flow diagram indicating activation of pathways