Putting people first: Optimizing primary health services for integrated, person-centered care in Jakarta, Indonesia

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Jakarta has an area of about 664.01 km², has a population of 11,204,714 (2022) and is part of the Greater Jakarta metropolitan area (Jakarta-Bogor-Depok-Tangerang-Bekasi) with a population of around 28 million people.
### DISEASE BURDEN AND HEALTH SYSTEM IN JAKARTA

#### Health Facilities in Jakarta

<table>
<thead>
<tr>
<th>Type</th>
<th>Jakarta Provincial Governments’</th>
<th>Central Gov fac</th>
<th>Private and state-owned enterprise health facilities</th>
<th>Army/Police health facilities</th>
</tr>
</thead>
<tbody>
<tr>
<td>-</td>
<td>32 General Hospital 44 District PHC 290 Sub-district PHC 20 Clinic</td>
<td>10 General Hospital 1 Clinic 14 Lab</td>
<td>141 Hospital 1695 Clinic 97 Lab</td>
<td>11 Hospital 55 Clinic 7 Lab</td>
</tr>
</tbody>
</table>

#### Health Expenditure Based on National Health Insurance

<table>
<thead>
<tr>
<th>Disease</th>
<th>Expenditure (Trillion Rupiah)</th>
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<tbody>
<tr>
<td>Heart diseases</td>
<td>10.3 T</td>
</tr>
<tr>
<td>Cancer</td>
<td>3.5 T</td>
</tr>
<tr>
<td>Stroke</td>
<td>2.5 T</td>
</tr>
<tr>
<td>Renal failure</td>
<td>2.3 T</td>
</tr>
<tr>
<td>Thalassaemia</td>
<td>509.2 M</td>
</tr>
<tr>
<td>Haemophilia</td>
<td>405.7 M</td>
</tr>
<tr>
<td>Leukemia</td>
<td>361.1 M</td>
</tr>
<tr>
<td>Cirrhosis hepatitis</td>
<td>310.9 M</td>
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</tbody>
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Source: BPJS Kesehatan, 2020
The Role of Primary Health Services

Primary Health Centers (puskesmas) provides primary public health and individual health measures through prioritizing health promotion and preventative activities in its catchment area.

Public health measures consist of activities to preserve and enhance health, as well as prevent and manage health issues, with focus on families, groups and populations.
Background

1/3 PLHIV in Jakarta rely on *puskesmas* for HIV care.

Imperative for integrated, patient-centered care.
Jakarta HIV Program Roadmap

**Consolidation & Preparation**
- **2016**
  - Jakarta Fast Track Cities Commitment
  - Identify Healthcare, CSO and NGO
  - Developing tools and guideline

**Test and Start**
- **2017**
  - Tools & guidelines development for health facilities and CSO
  - Try-out
  - Implementation
  - Monitoring & evaluation

**Partner Notification**
- **2018**
  - Tools & guidelines development for Test and Start (same day treatment: 1-7 days)
  - Tools & guidelines lost and link (SeHATI)
  - VL Specimen Transport: Jak-Transporter
  - Developing demand creation for VL testing: community and health facilities (U=U campaign)

**2020 - 2021**
  - Tools & guidelines development for PrEP and HIV Self Testing
  - Implementation
  - Monitoring & evaluation

**2022 HIVST & PrEP**
  - Tools & guidelines development for MMD, Home-based ARV Delivery (Jak-Anter), TLD, AHD
  - Implementation 3HP (TB Prevention)
Approach to Technical Assistance

Jakarta PHO employs a collaborative quality improvement through community-facility partnerships at 44 Primary health Centre (puskesmas) to facilitate services access, uptake, and retention.
Tailored technical assistance

- Policy
- Capacity
- Logistics
- Recording and Reporting
- Resources

Technical Assistance Process

Step 1: Extracting programmatic data from documentation or reporting tools
Step 2: Analysis of programmatic performance threshold
Step 3: Identification of issues and determining assistance topics
Step 4: Identification of entity requiring technical assistance
Step 5: Coordination with provincial, district, and sites
Step 6: Implementation of technical assistance
Step 7: Monitoring and evaluation of programmatic achievements
# HIV Services in Jakarta

<table>
<thead>
<tr>
<th>Health Facility</th>
<th>2018</th>
<th>2019</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test HIV</td>
<td>135</td>
<td>182</td>
<td>202</td>
</tr>
<tr>
<td>CST</td>
<td>117</td>
<td>122</td>
<td>149</td>
</tr>
<tr>
<td>Viral Load Testing</td>
<td>30</td>
<td>30</td>
<td>36</td>
</tr>
<tr>
<td>Early Infant Diagnosis (EID) Test</td>
<td>1</td>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

- **Conseling and Testing services (202)**
  - 143 Hospital
  - 44 Primary Health Care(s)
  - 15 other (Clinics, Prison, etc)

- **Care Support Treatment services (149)**
  - 90 Hospital
  - 44 Primary Health Care(s)
  - 15 (Clinic, Prison, etc)

- **Viral Load testing labs (36)**
  - 6 PCR Abbott
  - 30 Gene Xpert
Achievements

- Newly diagnosed PLHIV enrolled in service: 95%
- Same-day ART: 70%
- Newly initiated with TLD: 97.5%
- Achieved viral load suppression: 96%
New initiatives: Integrated, person-centered primary healthcare services

11
Private-public partnership for home-based ARV services

12
PrEP services

15
Facility distribution of community-based HIV screening kits
Lessons Learned

Optimized performance at Puskesmas will allow for future focus on upscaling and additional service differentiation & integration:

✔ multi-month dispensing and other integrated service packages that address the specific needs of PLHIV

✔ advance HIV disease case management

✔ access to comprehensive prevention services including PrEP
Recommendation

Expansion of more integrated, person-centered primary health care services for better overall health outcomes and well-being of PLHIV in Jakarta and beyond.
Thank you