Sustaining HIV Fast Track response during COVID-19

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Director of Kyiv City Public Health Center

Kyiv City 2020
«Today, despite the novel COVID-19 pandemic, Kyiv has made significant progress in achieving global goals in overcoming the spread of HIV/AIDS around the world and it is very close to fulfilling the commitments made in 2016, within the framework of the Paris Declaration, 90-90-90»

V. Klitschko, Mayor of Kyiv
Incidence of COVID-19 (per 100 thousand population)
European region
# Ukraine COVID-19 Daily Situation Report

**Data Sept. 07, 2020**

<table>
<thead>
<tr>
<th>UKRAINE</th>
<th>KYIV</th>
</tr>
</thead>
<tbody>
<tr>
<td>143 030 - laboratory confirmed COVID-19 cases as of the reporting period</td>
<td>- 15 821</td>
</tr>
<tr>
<td>205 819 - suspected COVID-19 cases as of the reporting period</td>
<td>- 27 745</td>
</tr>
<tr>
<td>197.8 - active COVID-19 cases (per 100 000 people)</td>
<td>- 359.6</td>
</tr>
<tr>
<td>2 979 - number of lethal cases</td>
<td>- 250</td>
</tr>
<tr>
<td>2.1% - case fatality rate</td>
<td>-1.6%</td>
</tr>
<tr>
<td>12 306 - number of confirmed cases among healthcare workers</td>
<td>- 943</td>
</tr>
<tr>
<td>64 703 - total number of recovered patients</td>
<td>- 4 910</td>
</tr>
</tbody>
</table>

**Kyiv:**

*Incidence of COVID-19 is 533.6 and the mortality rate is 8.4 per 100 000 population*
COVID-19: restrictive measures

Ukraine

- On March 3, Ukraine - the 1-st confirmed case of COVID-19 (arrived from Italy to Romania)

- On March 11 the Cabinet of Ministers of Ukraine introduced the first period of quarantine in Ukraine from March 12 to April 3

- On May 22 adaptive quarantine was introduced

Kyiv

On March 16, Kyiv - 2 cases of COVID-19 were laboratory confirmed. 1 of the infected people from France
Kyiv and 25 other regions

- **The green zone provides for:**
  - stay in public buildings in masks or respirators;
  - holding mass events: no more than 1 person per 5 square meters;
  - cinemas with 50% occupancy;
  - carriage of passengers only within the seat areas.

  *12 regions*

- **Yellow zone (+ Restrictions green), it is prohibited:**
  - visiting social welfare institutions where the elderly are, except for those that provide services in a crisis.

  *Kyiv and 3 regions*

- **Orange zone (+ yellow restrictions), it is prohibited:**
  - activity of accommodation facilities (hostels, tourist centers, etc.), except hotels;
  - activities of entertainment establishments, restaurants at night;
  - planned hospitalizations;
  - gyms, fitness centers, cultural institutions;
  - reception of new shifts at children's camps;
  - restriction for mass events: 1 person per 20 square meters and no more than 100 people.

  *5 regions*

- **Red zone (+ orange restrictions), it is prohibited:**
  - work of public transport;
  - visiting educational institutions;
  - activities of shopping malls, cafes and restaurants.

  *5 regions*
Impact of the COVID-19 pandemic on the HIV response

- The number of people addressing for HIV testing to family doctor has decreased
- Access to medical and prevention services was limited due to transport restrictions
- Risks of interruption of ART due to inability to receive medications
- Need to ensure the infectious safety of HIV-positive people, representatives of key groups and service providers
- Access to OST services was limited due to transport restrictions
Health Department and Kyiv City AIDS Centre

• HD delivers training for physicians on issues related to COVID and HIV (>10), on changes in local regulatory documents (3), including those regulating GPs work in the context of the COVID-19 epidemic

• Kyiv City AIDS Centre provides pre-test and post-test consultations (over 48,000), testing (over 36,000), HIV care & treatment, case management (over 14,000), inpatient management of severe stages

• Promptly responds to challenges on HIV/AIDS issues
COVID-19: Measures that were taken to maintain the pace of implementation of FTCI- KYIV

Testing

✓ Decentralized processes of testing services have been preserved - patients can be tested in places convenient for themselves (at the family doctor and Trust cabinets, etc)

✓ 105 communal establishments are tested with rapid tests

✓ 380,752 people were tested in 2019, of which 162,920 people were examined by rapid tests

✓ Provider-initiated testing, index testing roll-out
COVID-19: Measures that were taken to maintain the pace of implementation of FTCI- KYIV

ARV therapy

- Delivery of drugs has been arranged using a postal operator
- Electronic and telephone communication with patients was enhanced in order to control the timely receipt and intake of ARVs, as well as the timeliness of visits to the doctor
COVID-19: Measures that were taken to maintain the pace of implementation of FTCI- KYIV

More than 200 physicians have been trained!

For physicians

Training and information materials:
At the initiative of the National Academy of Medical Science of Ukraine and Health Department (Kyiv City State Administration), in preparation for the second wave of COVID-19, Kyiv City Public Health Center in partnership with IAPAC:

✓ conducted a 2-month educational online course for GPs & family doctors of the city on the features of prevention of people at risk and living with HIV;
✓ developed and provided recommendations for GPS & family doctors on topical issues of COVID-19 prevention, including adherence to ARV therapy during a pandemic.
Substitution maintenance therapy programme: preserved

✓ None of patients were lost owing to programme transformation

✓ During the first week of quarantine, almost all clients were transferred to the take home doses algorithm

✓ Patients received psychological support from physicians or peers via telecommunication
Laboratories: HIV services have been sustained!

- An effective structure for the provision of laboratory diagnostics services for COVID has been formed in Kyiv.
- It was possible to maintain the provision of all laboratory services for the diagnosis and treatment of HIV infection, since the laboratory of Kyiv City AIDS Centre was not reoriented for COVID-19, since there are other laboratories that meet the need for testing. Even with the aggravation of the epidemiological situation, the volume of testing and research will be maintained.
- The city has strengthened the virusological laboratory component by purchasing additional laboratories (for COVID-19 diagnostic).
- None of the clients were denied of ELISA, CD4, viral load tests.
Mayor Vitaliy Klitschko: constant and frank communication with society!

- During the quarantine period, the Mayor is in permanent communication with the public, including citizens from the main risk groups, PLHIV:
  - daily online and TV briefings.
Virtual Fast-Track Cities 2020

**KYIV 01.01.2020**

- **Estimated number of PLHIV**: 21,154
- **Know HIV + status**: 67%
- **In ART program**: 83%
- **Undetectable VL% samples with VL< 1,000**: 95%

**90-90-90 in UKRAINE 01.01.2020**

- **Estimated number of PLHIV**: 197,683
- **Know HIV + status**: 69%
- **In ART program**: 83%
- **Undetectable VL% samples with VL< 1,000**: 94%
Progress towards achieving targets, Kyiv 2016-2020

<table>
<thead>
<tr>
<th>Year</th>
<th>Estimated number of PLHIV</th>
<th>Know HIV + status</th>
<th>In ART program</th>
<th>Undetectable VL% samples with VL&lt; 1,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>23 100</td>
<td>11 454</td>
<td>6 693</td>
<td>6 365</td>
</tr>
<tr>
<td>2017</td>
<td>23 100</td>
<td>12 591</td>
<td>8 313</td>
<td>7 885</td>
</tr>
<tr>
<td>2018</td>
<td>19 837</td>
<td>14 423</td>
<td>10 462</td>
<td>10 028</td>
</tr>
<tr>
<td>2019</td>
<td>21 154</td>
<td>14 120</td>
<td>11 685</td>
<td>11 154</td>
</tr>
<tr>
<td>2020</td>
<td>21 154</td>
<td>14 742</td>
<td>12 036</td>
<td>11 113</td>
</tr>
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Support to service by NGOs
Kyiv Pride

• For the first time in the history of the Ukrainian pride movement, it was held online.

• This year, in order to hold the Equality March in Kyiv online, organizers have created an interactive map in the Google Maps service. To do this, they created 14 tags of different colors along Khreshchatyk Street.

• In total, the participants of the March left more than 1,200 tags.
Legal support of non-governmental organizations
Fighting Violence Under Quarantine
TEENERGIZER – to support youth

“HIV mobilizes people in a great way”: We created the youth organization Teenergizer

Updated 02 July 2020 • by TEENERGIZER!
Multi-sectoral collaboration in achieving Fast Track City goals

Despite the challenges posed to Ukraine by the COVID-19 pandemic, owing to the combination of efforts of government and municipal institutions, the public sector, international organizations, financial resources, the CityTargetedProgram for Counteracting the HIV Epidemic for 2017-2021, Kyiv has made tangible progress in achieving the FTCI goals.