



HIV Prevention and Treatment in the Context of COVID-19 Pandemic, Republic of Karelia

Inna Rozhkova,
Director of the AIDS Centre,
Republic of Karelia/Russia

Screening for HIV infection

- Our plan for 2020 is as follows: to screen 160,700 people (26% of the population)
- BUT we faced the following situation:
 - Longtime self-isolation
 - Suspension of municipal transport services, including long-distance transport within Karelia
 - Reduction in scheduled appointments by healthcare providers
 - Cancellation of annual preventive and scheduled medical check-ups at outpatient facilities

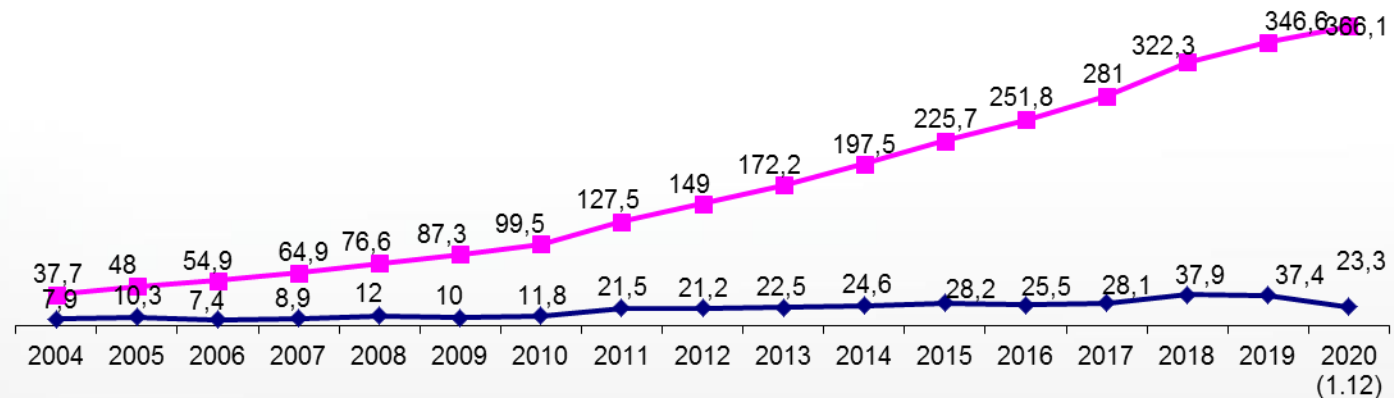


- Results of the plan implementation, as of 1.12.2020 — 139,151 people were screened (22,7% of the population)

As a comparison: by 01.12.2019 the coverage was 168,041 people, while 184,284 people were covered by 31.12.2019 the (30% of the population)

Incidence and prevalence of HIV infection in the Republic of Karelia

- As of 01.12.2020, total of 2,394 cases of HIV infection were registered among the residents of the Republic of Karelia since the beginning of the HIV epidemic: 154 people were registered in 2020, which is 23.4% less than during the same period last year.
- HIV infection incidence was 23.3 people per 100 000 population.
- The prevalence of HIV infection in Karelia, including patients who died, left or arrived to Karelia, was 366.1 people per 100 000 population.



Provision of medical care to HIV+ patients in the context of the pandemic

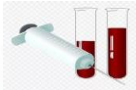
In April-August 2020, the number of scheduled appointments in all medical organizations of Karelia was LIMITED



Scheduled appointments in the AIDS Center



Appointments for 10 patients a day max;



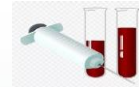
Minimization of the number of tests for stable patients with suppressed VL;



Full range of care for patients with stable immunosuppression, for pregnant women and children;



Telephone counseling for stable patients and HIV responsible doctors;



Blood collection from patients living in remote areas and delivery of tests to laboratories;



ART booking and home delivery both in Petrozavodsk and other municipalities.

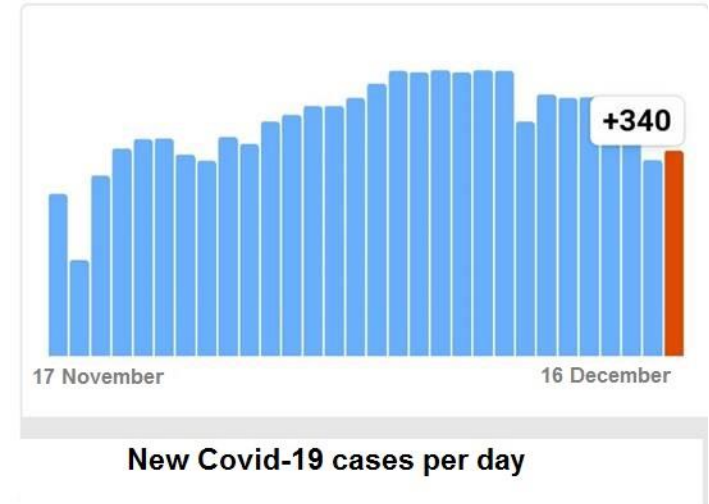
Regular medical follow-up and treatment

- **As of 01.12.2020, 1,581 HIV+ patients were on follow-up (93,4% of people subject to follow-up)**
- **1,138 HIV+ patients get ART (72,0% of all patients on records).**



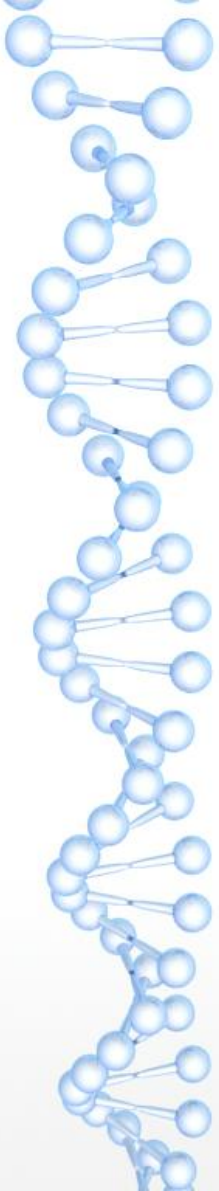
COVID-19 Incidence rate

- As of 16.12.2020, the Republic of Karelia had 3518.5 Covid-19 cases per 100 000 population (1845,3 per 100,000 in Russia and 2741,0 per 100,000 in North-West Russia).
- The highest increase in incidence was recorded in late November – early December, when 414 to 473 new cases were registered daily (incidence rate was 67 -77 people per 100 000 population)
- In the past few days, the number of new cases reduced to slightly more than 300 per day.



HIV+ patients infected with COVID-19

	Severity	Outcome	CD4	VL	ART	Comments
1	mild	recovered	55	443000	yes	
2	mild	recovered	581	undetectable	yes	
3	mild	recovered	84	undetectable	no	
4	mild	recovered	86	118000	yes	Pregnant, week 40
5	mild	recovered	1137	undetectable	yes	
6	mild	recovered	547	undetectable	yes	
7	mild	recovered	1767	undetectable	yes	
8	mild	recovered	349	undetectable	yes	
9	mild	recovered	34	732000	interrupted	
10	mild	recovered	709	undetectable	yes	
11	mild	still active	187	undetectable	yes	Associated with T-cell lymphoma
12	moderate-severe	recovered	3	2620	interrupted	
13	moderate-severe	recovered	569	undetectable	yes	
14	severe	recovered	7	554000	no	HIV and COVID detected simultaneously
15	severe	death	365	3010	interrupted	
16	severe	death	4	372000	no	



HIV prevention during pandemic

Introduction of high alert mode
in connection with Covid-19



- We cancelled public health promotion campaigns;
- We cancelled preventive interventions for various companies at their working places;
- We reduced visits to youth audiences

We are introducing distant prevention by using the following tools:



- TV and radio;
- Social media;
- Zoom-conferences;
- City and municipal buses;
- Printed products.

Telephone counseling

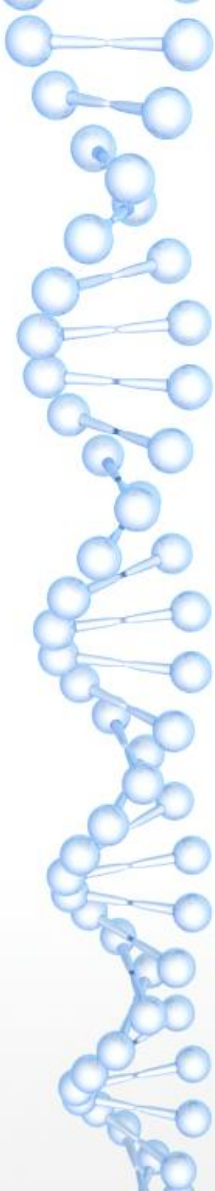
- Counseling for HIV+ people and their families by infectious disease doctors and psychologists
- Counseling for people in the situations of suspected HIV infection - provided by psychologists
- Counseling for people seeking answers to the questions connected with COVID-19 diagnosis and prevention – provided by psychologists and epidemiologists
- Counseling for family members of COVID-19 infected patients – provided by psychologist



World AIDS Day

- Programme on acute HIV issues broadcasted on 'Sampo' TV (live stream on 'Vkontakte' social media)
- "Home doctor" programme at Petronet channel – together with the Center for Public Health (available on the Internet: 'Petrozavodsk govorit' ('Petrozavodsk speaking') and 'Vkontakte' web sites)
- Live broadcast on the 'Radio of Karelia' – 'Weeknight' programme (available on 'Russian Radio – Karelia' and 'Vkontakte' web sites)
- Petronet Channel programs (available on 'Petrozavodsk govorit' ('Petrozavodsk speaking') and 'Vkontakte' web sites)
- State TV and Radio Broadcasting Company-Karelia (STRBC-Karelia) programs (available on ATRBC-Karelia and 'Vkontakte' web sites)
- 'About Health' ('PRO Zdorovie') programme on STRBC-Karelia with special guest Maria Godlevskaya (available on ATRBC-Karelia and 'Vkontakte' web sites)
- Live streams on 'Vkontakte' platform from 'Karelia against HIV/AIDS' website





Вести - Карелия

3 декабря в 21:10

Что такое ВИЧ-статус? Как и кому стоит его узнать? Как принять свой статус, если он положительный? Какие могут возникнуть проблемы в жизни ВИЧ-положительных людей? И как говорить с детьми об отношениях и здоровье?

На эти и другие вопросы мы ответим с Марией Годлевской, членом ассоциации «Е.В.А.», в передаче «PRO здоровье».

#PROздоровье@vestikarelia



«PRO Здоровье». 03.12.2020

60 просмотров



КАРЕЛИЯ ПРОТИВ ВИЧ/СПИДа

1 декабря в 15:04

Всемирный День борьбы со СПИДом



Всемирный День борьбы со СПИДом

3 510 просмотров



4



41



257

Запустите рекламу, чтобы заинтересовать больше людей

Продвигать



Радио России - Карелия 102,2 fm

1 декабря в 19:06

Сегодня Всемирный День борьбы со СПИДом.. Этот день служит напоминанием о необходимости остановить глобальное распространение ВИЧ/СПИДа. В Карелии зарегистрировано 2394 случая выявления ВИЧ-инфекции. Сегодня с руководителем Центра СПИД Республиканской инфекционной больницы Инной Рожковой и психологом Центра СПИД Ариной Архиповой говорили о ВИЧ/СПИДе на тему "Мифы и реальность".

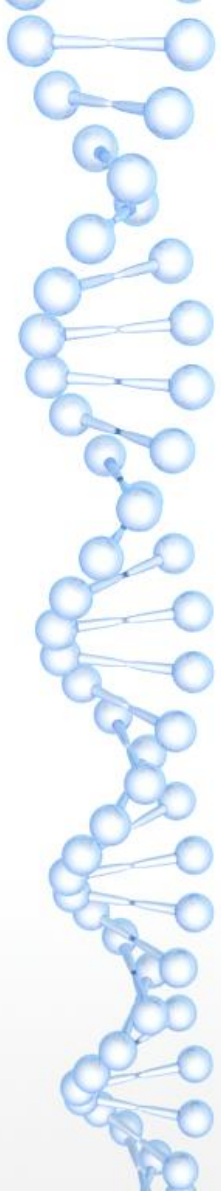
1 декабря -
Всемирный день борьбы
со СПИДом



"Будний вечер" (1.12.20) ВИЧ СПИД

Радио России - Карелия 102.2 fm

36:22



**THANK YOU
FOR YOUR
ATTENTION**