



Organization of the medical help to HIV positive in Karelia

**Petrozavodsk
Karelian republican AIDS Centre
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Specification of the HIV epidemiological process in Karelia

On the **1st of October 2008** there are **608** cases of HIV registered in Karelia

In Karelia live **377** HIV positive, **349 (92,6%)** of them are under the dispensary observation in the Republican AIDS centre

In 2007 was registered the first child with HIV

Specification of the HIV epidemiological process in Karelia (continuation)

The reasons why the rest of registered HIV positive patients are not under the dispensary observation:

- 1. Departure of HIV positive out of Karelia to the constant or temporary place of residence**
- 2. Death of different diseases or circumstances**
- 3. Refusal of observation and therapy**
- 4. Unknown location of HIV positive**
- 5. Location of HIV positive in places of confinement**

Development trend of HIV in Karelia

- Involving in the process senior citizens of Republic (25-35 and older)
- Transition of infection to the social safe strata of society
- Trend to the changes of transmission routs, increased number of heterosexual channel of infection
- Increased number of HIV positive women (2000 – 22,7%, 2008 – 34,7%)
- Considerable increase of advanced disease, registration of HIV on the phase of AIDS
- Increased amount of people getting antiretroviral therapy (beginning of 2007 – 8 patients, on the 1st of October 2008 – 41 patients)
- Registration of the belated appealability (4 phase, AIDS)
- All the social strata are involved in the process: unemployed people, working people, officials.

- **Aims of the medical help to HIV positive:**

maximally long quality of life and increase of the lifetime of HIV positive

- **Tasks:** organization of all kinds of medical help (primary and particularized) to HIV positive on the different phases of disease

Structure of the service:

- **State Health Institution “Republican Centre on the AIDS and infectious diseases prevention and contention”**

- clinical-diagnosis department
- epidemiological and prevention department
- hepatological department
- laboratory

- **Municipal institutions – Central Regional Hospitals**

Trusted doctors

Laboratories of AIDS diagnosis

Our task:

In every municipal institution have to work a trusted doctor

Target of the system of trusted doctors

Assistance of the unitary medical help to HIV positive:

- **Approach of the medical service to HIV positive patients;**
- **Organization of dispensary observation, monitoring of HIV situation, organization of the antiretroviral therapy in the regions.**

Trusted doctor

The doctor, implementing health survey and therapy of the HIV/AIDS patients on the municipal level

The trusted doctor can be:

- **Infectiologist**
- **Physician**
- **Pediatricist**
- **Dermatovenerologist**
- **Gynecologist**
- **Narcologist, etc.**

Tasks of the trusted doctor

- **Organization HIV positive enumeration on his/her territory**
- **Organization of the epidemiological investigation of every new case of HIV**
- **Organization and implementation of dispensary observation of HIV positive after the recommendations of the specialists of the AIDS Centre**
- **Organization of the necessary dispensary and stationary help to HIV positive in the Central Regional Hospitals**
- **Observation and guiding of patients, getting antiretroviral therapy**

Tasks of the trusted doctor (continuation)

- **Organization of vertical way of HIV transmission prevention during the whole period (after 28 week of pregnancy, by birth, to the child)**
- **Organization of children's observation with perinatal contact on HIV (till 18 month of life)**
- **Organization of observation HIV positive children**
- **Organization of prevention of professional infection**
- **Organization of studies for medical specialists about HIV**

Tasks of the trusted doctor (continuation)

- Participation in the work of regional commissions on HIV/AIDS and drug prevention
- Participation in the work with people on the HIV/AIDS prevention
- Quarterly renewal information about HIV positive
- Yearly (before the 15th of January) report about the contingent of HIV positive (form 61)

In prospect:

- * Implementation of the primary exploration and dispensary observation of HIV positive, keeping medical secrecy and patient confidentiality
- ** Choosing patients for antiretroviral therapy and making documents for VK

Organization of the diagnosis process

- All the laboratory analysis are made on the base of Medical and preventive institution of Republic, except analysis of immune status (SD4, immunoblot), viral load, PCR (HIV DNA)
 - Instrumental methods of analysis:
U/S of abdominal space, electrocardiography, x-ray, FEGDS, U/S of thyroid body
 - Consulting of the specialists:
Gynecologist, neuropathist, oculist, ENT specialist, dermatovenerologist, stomatologist, phthisiologist
- U/S of deferent of head, U/S of deferent of extremities, EEG, echocardiogram, computer imaging, MRI

Organization of the hospital help

- HIV positive patients are admitted after clinical indications in the appropriate departments of hospitals of the municipals or republican level

Prescription of antiretroviral therapy:

- Prescription make Republican AIDS Centre
- Therapy answers to the standards
- **Order of the Ministry of Health from the 9th of July 2007 № 474 «About the standards of medical help to HIV positive».**
- **Order of the Ministry of Health from the 29th of April 2002 № 170 «About the standards of medical help to HIV positive pregnant women and new-born children in Karelia».**
- In case of refusal from antiretroviral therapy the patient is writing acknowledgement which stays in the medical card.

Organization of the vertical prevention:

- Pregnant HIV positive women get the help in the women consultations on the place of residence
- 3 staged of help:
(together: the doctor from the AIDS centre, trusted doctor, gynecologist, RPNP)

Delivery – RPNZ

Conclusions

We hope to have very productive collaboration with the trusted doctors from the regions of Republic for the attainment of the common aim -
maximally long quality of life and increase of the lifetime of HIV positive

«A journey of thousand miles begins with a single step»

THANK YOU FOR YOUR
ATTENTION!