

Health care for viral hepatitis in Russia

(from the patients' perspective)

Interregional public nonprofit organization
assisting patients with viral hepatitis



Do we have conditions to treat hepatitis in Russia?
Is health care available for patients
with viral hepatitis?

AVAILABILITY OF MEDICINES
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AVAILABILITY OF MEDICAL CARE

The cascade of health care includes:

0. prevention
00. awareness
1. screening
2. registration
3. diagnostics
4. drug provision
5. treatment supervision
6. post-treatment observation
7. deregistration
8. post-cure support

Factors affecting to health care availability:

1. availability of medicines;
2. availability of diagnostic;
3. enough physicians;
4. regulatory framework;
5. interest of the authorities;
6. good awareness.

Factors affecting to health care availability:

1. availability of medicines can be:

- a) legal,
- b) physically,
- c) economically:
 - for the patients
 - for the state

It should be more profitable to treat hepatitis
than to treat its consequences

Factors affecting to health care availability:

- ✓ medicines are available;
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What tests should be done to choose treatment?

1. RNA HCV;
2. genotyping;
3. biochemical blood test;
4. general clinical blood test;
5. coagulation test;
6. glomerular filtration rate;
7. the exclusion of co-infection: anti HIV, HBsAg;
8. the exclusion of autoimmune liver diseases (LIVER 9 or ANA, AMA-M2);
9. ultrasound of the abdominal cavity;
10. determination of liver fibrosis.

What tests should be done to choose treatment?

- × RNA HCV;
- × genotyping;
- ✓ **biochemical blood test;**
- ✓ **general clinical blood test;**
- × coagulation test;
- × glomerular filtration rate;
- ✓ **the exclusion of co-infection: anti HIV, HBsAg;**
- × the exclusion of autoimmune liver diseases (LIVER 9 or ANA, AMA-M2);
- × ultrasound of the abdominal cavity;
- determination of liver fibrosis – **biopsy.**

How much the all tests costs?

The complex of pre-treatment tests costs:

15 000 — 20 000 ruble in Moscow

10 000 — 12 000 ruble in Novosybirsk

Average salary in Russia – 35 000 ruble

40% of the population consider themselves poor,
and have difficulties with the purchase of food,
medicines and clothing

Factors affecting to health care availability:

- ✓ medicines are available;
- ✗ **diagnostic are not available;**
- 3. enough physicians;
- 4. regulatory framework;
- 5. interest of the authorities;
- 6. good awareness.

Factors affecting to health care availability:

- ✓ medicines are available;
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Do we have enough physicians?

1. There are about 6600 infectious physicians in Russia: every one of them serves about 30 000 people.
2. Average age ~50 years (education 20 years ago)
 - viral hepatitis has been known for a long time: hepatitis B since 1956, hepatitis C – 1985;
 - drugs that allow to treat hepatitis C, appeared recently: FDA approved sofosbuvir in Desember 2013.

There was no system of continuous medical education in Russia until 2017!

Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × **there is no enough physicians;**
- 4. regulatory framework;
- 5. interest of the authorities;
- 6. good awareness.

Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
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Is regulatory framework good enough?

1. Health protection act;
2. Sanitary and epidemiological norms;
3. Clinical guidelines;
4. Standards of care;
5. The procedure of medical care;
6. Quality standard;
7. Restrictive lists (VED);
8. Regional regulatory framework.

Is regulatory framework good enough?

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4. Standards of care;
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6. Quality standard;
7. Restrictive lists (VED);
8. **Regional regulatory framework.**

Is regional regulatory framework good enough?

We ask 86 regions

We got answers from 56 regions

Special program exists in 14 regions

Bashkortostan, Karelia, Mari El (2009), Sakha (Yakutia), Khakassia (2011), Zabaikalsky Krai, Krasnodar Krai, Vladimir, Kostroma (2012), Ivanovo, Novosibirsk, Sverdlovsk, Ulyanovsk (2014) regions, and also developed in Tyumen.

Costs of hepatitis treatment are covered by:

regional budget 29 regions

mandatory health insurance 22 regions

Relevant clinical guidelines are used in 13 regions

Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
- × **the regulatory framework is outdated;**
- 5. interest of the authorities;
- 6. good awareness.

Factors affecting to health care availability:

- ✓ medicines are available;
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Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
- × the regulatory framework is outdated;
- 5. interest of the authorities = financing

It is more profitable to treat hepatitis,
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Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
- × the regulatory framework is outdated;
- × **the authorities have no interest to treat hepatitis;**
- 6. good awareness.

Factors affecting to health care availability:

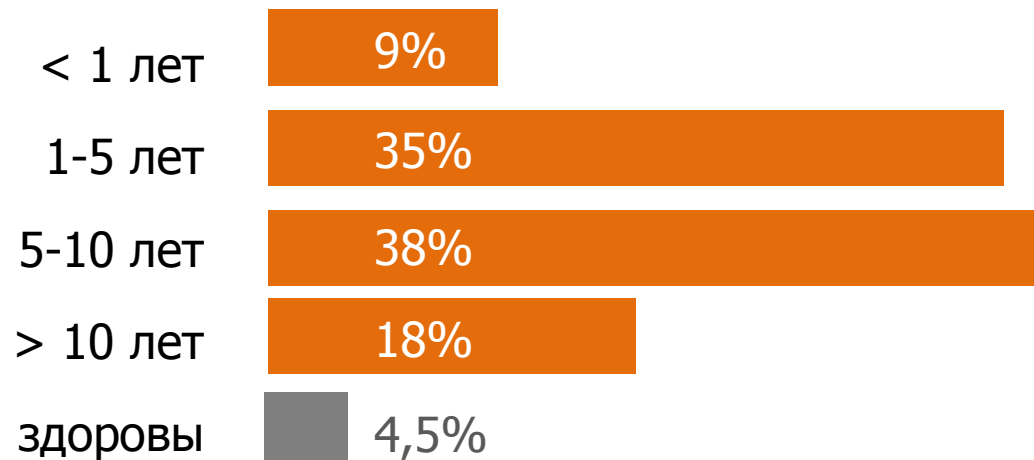
- ✓ medicines are available;
 - × diagnostic are not available;
 - × there is no enough physicians;
 - × the regulatory framework is outdated;
 - × the authorities have no interest to treat hepatitis;
6. good awareness.

Is awareness good enough?

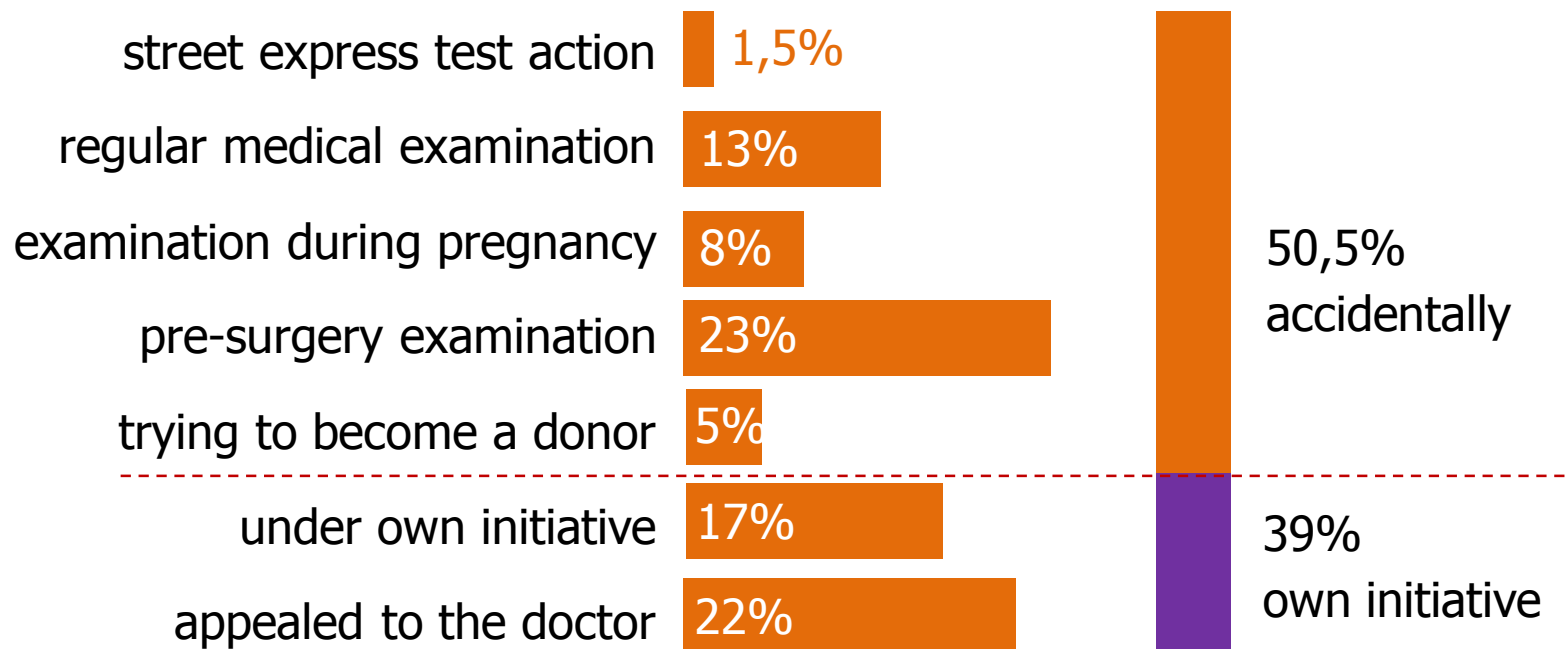
We have asked 1432 visitor of www.nohep.ru from 64 regions



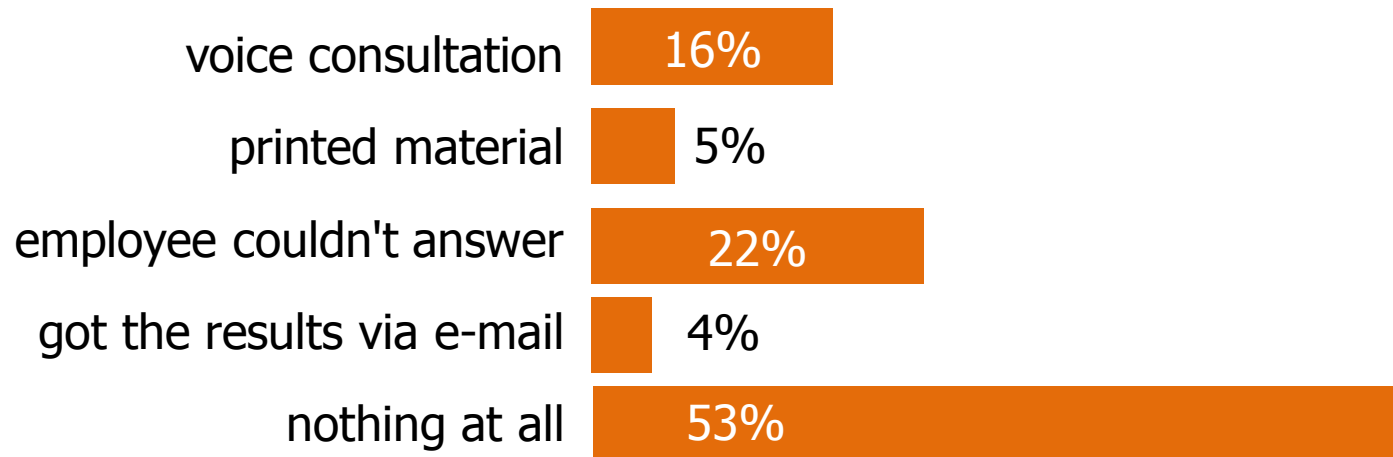
HBV+HCV



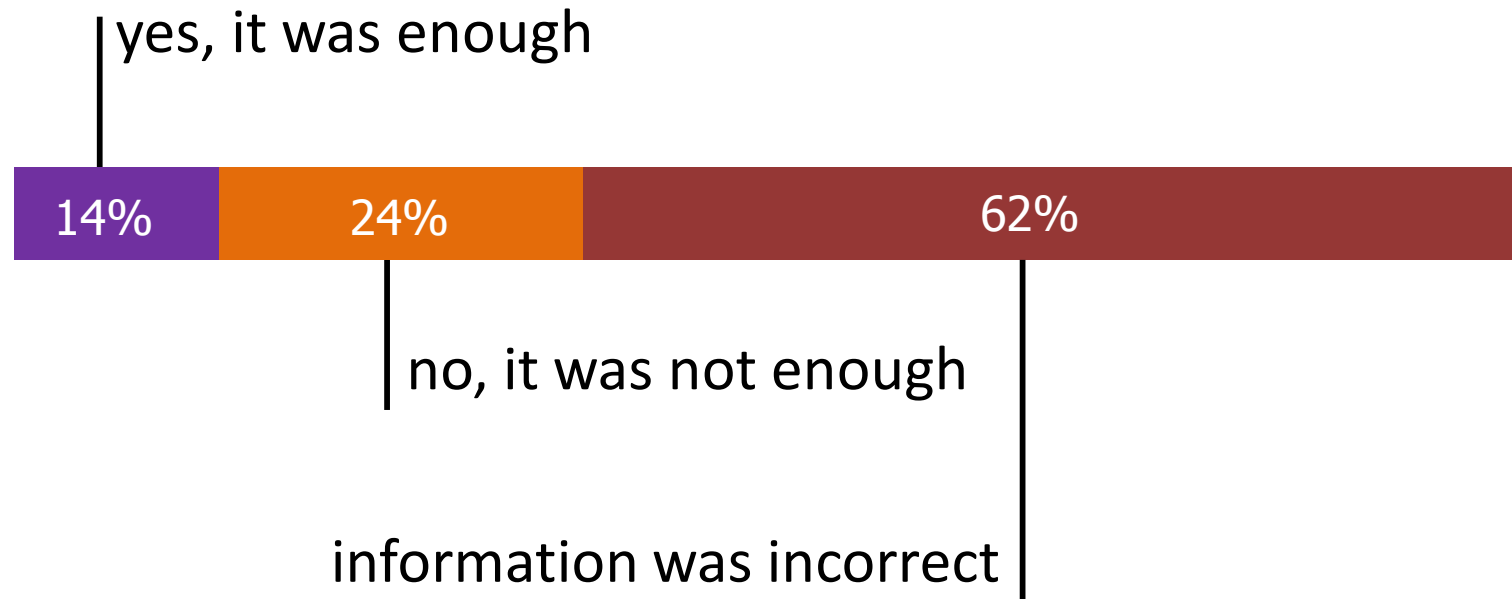
How does patients got knew about their disease?



Does patients got any information about disease?



Was the information enough?



Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
- × the regulatory framework is outdated;
- × the authorities have no interest to treat hepatitis;
- × awareness is poor

Factors affecting to health care availability:

- ✓ medicines are available;
- × diagnostic are not available;
- × there is no enough physicians;
- × the regulatory framework is outdated;
- × the authorities have no interest to treat hepatitis;
- × awareness is poor.

Factors affecting to health care availability:

- × economically medicines are not available to patients;
- × diagnostic are not available;
- × there is no enough physicians;
- × the regulatory framework is outdated;
- × the authorities have no interest to treat hepatitis;
- × awareness is poor.

There is no conditions
for prevention and treatment
of viral hepatitis
in Russia

Why?

There is no unified systematic approach
to the prevention and treatment
of viral hepatitis
in Russia

Why?

The state does not understand
that it is more profitable to treat hepatitis
than to treat its consequences

Thank you for your attention!

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