Epidemiology and burden of viral hepatitis in the North Caucasus Federal District

M.R. Ivanova, Chief External Infectionist MH RF for North Caucasus Federal District
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North Caucasus Federal district

NC FD consists of 7 districts, 170 439 sq. km in total area (1%/ RF) and 9 823 481 [1] population (6.69%/ RF). NC FD is the smallest one among other FD RF. It borders on South FD, Abkhazia, Azerbaijan, Georgia and Sough Ossetia, and is limited in the east by the Caspian Sea and the Greater Caucasus Mountain Range.
HCV incidence in RF and NC FD in 2007-2017
Chronic HBV new case detection in NC FD

HBV carriage rate

ChHBV

- Северо-Кавказский ФО
- Республика Дагестан
- Республика Ингушетия
- Кабардино-Балкарская Республика
- Карачаево-Черкесская Республика
- Республика Северная Осетия-Алания
- Чеченская Республика
- Ставропольский край
NC FD: patients on chHBV register (patients/follow-up)

- Количество больных, состоящих на диспансерном учете
- Количество больных, состоящих в Регистре

По данным отчетов главных инфекционистов субъектов СКФО за 2017г
NC FD: patients on chHBV register by districts (follow-up/register)
ChHBV patients in 2017 (chief district infectionists’ reports) (n patients, HBsAg & anti HCV carriers; n on follow-up < 2 years; n on follow-up over 5 years)

- 15381 patients
- 9458 patients on follow-up < 2 years
- 2454 patients on follow-up over 5 years
- 7004 patients
ChHCV patients tested across districts (liver fibrosis; viral load; genotyping)
HCV genotypes prevailing in NC FD

- 36% of cases are genotype 1
- 15% are genotype 1a
- 37% are genotype 1b
- 9% are genotype 3
<table>
<thead>
<tr>
<th>District</th>
<th>MHI</th>
<th>Regional budget</th>
<th>Essential Drug Supply Program</th>
<th>Patient own expense</th>
<th>MHI</th>
<th>Regional budget</th>
<th>EDSP</th>
<th>Patient own expense</th>
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<td>57</td>
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</tbody>
</table>
Sources of AVT finance (chHCV patients) in 2017 (own expense; Essential Drug Supply Program; regional budget; MHI)
ChHCV patient treatment cascade in 2017 (n cases detected; n on record; n on AVT)
Positive experience in improved quality of care to chHBV patients in FD NC Kabarda Balkar Republic

1. ChHBV diagnosis/treatment center established at KBR communicable disease hospital, including ambulatory care, day care unit and hospital.

2. MH KBR Order issued on chBV patient routing.

3. Allocating in KBR MHI program liver biomolecular testing and elastography provided during ambulatory visit.
#SeeHearSpeakNo
WORLD HEPATITIS DAY
28th July

Thank you!