Treatment and follow up of HCV-related liver disease.

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Hepatitis Registry
Hepatitis Registry – pre-authorization

- Paper based since year 2001
- Data collected in excel since 2006
- Web based since 2011
- Pre-authorization of all HCV treatments in Hungary
- Tracks all treatments
- Viral and Fibroscan results can be taken directly from labs
Hepatitis Registry – HepReg

- Data protection (GDPR)
- Owned by the Hungarian Gastroenterology Society
- Developed from eCRF, sponsored by the Liver Foundation, unrestricted grants
- Health insurance, pharmacists, and viral labs see all relevant data for them
- Usage was voted on „consensus meeting” by all physicians treating hepatitis B and C
HepReg functions

• E-Referral
• Pharma companies financing PCRs
• SVR – outcome based financing
• „Fast track” for health care workers
• Automatic check-ups for data consistency, choice of therapy, length of treatment
• Reminders for missing data (EOT+24)
• (Waiting list – Priority index)
Diagnosis
Dg: As easy as possible

- Basic lab. values
- HCV RNA rtPCR
- HCV genotype
- Fib4 or ELF or elastography

- If no venous acces HCV RNA from fingerstick is enough.
For PWID

• Adverse childhood experiences are considered and treated
• Social security is often missing
ACE-IQ (13 categories) serious adverse childhood experiences points and percentage of addicted patients (N = 246)

% of addicted patients:

- N = 62
- N = 121
- N = 27
- N = 36

Number of ACEs:

- 0
- 1,2,3
- 4,5
- 6+

Odds ratio:

0 versus 6+ ACE = 29.3
ACE-IQ (13 categories) serious adverse childhood experiences points and percentage with previous suicide attempt (N = 246)
Treatment & follow up
Treatment: According to label with some modifications

- All treatments are available (G/P and SOF/VEL/VOX on „personal basis”
- In GT3 comp. cirrhosis: RBV is added to SOF/VEL
- For NS5a+NS5b failures 16 weeks of G/P can be used
- Hungarian guideline recommendations are similar to EASL guideline
Special groups

- Acute HCV: IF PCR positive after 8-12 weeks.
- Child C: personalized decision.
- PWID: no restrictions for treatment.
- Treatment in institutions (incl. prisons): Priority.

Screening, diagnosis, treatment, and follow up of hepatitis C virus related liver disease. National consensus guideline in Hungary from 20 Sep. 2019
Follow up

• On treatment: No strict recommendation
• SVR 24 is only checked (recommended SVR 12)
• Long term follow up: F3/F4 at least every 6 months ultrasound
• If HCC or failed DAA: at least every 3 months ultrasound in the 1. year.
Conclusions

- Diagnostic methods: According to EASL guideline
- HepReg: no waiting list, well controlled treatment with 97% SVR.
- Ultrasound follow up for F3/F4
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• Thank you for your attention