

Swedish Consensus Group 2011: Treatment of HCV in Adults and Children

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Outline

- Guidelines from 2011
- Current therapy in Sweden
- New guidelines likely in 2014

Swedish Guidelines from 2011

Published in

Scandinavian Journal of Infectious Diseases 2012

Patients that are recommended treatment

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- Chronic HCV genotype 1: fibrosis stage 3-4 (FibroScan or biopsy)
- Chronic HCV genotype 2/3: wider indications
- Goal: To prevent HCV complications, e.g. HCC and decompensated cirrhosis

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- Duration:
 - **24-28 weeks** if HCV RNA undetectable 4 weeks after addition of PI
 - **48 weeks** if HCV RNA detectable 4 weeks or later timepoint after addition of PI
- If cirrhosis, 48 weeks duration

Treatment HCV genotype 2/3

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- Peg-Interferon + ribavirin ≥ 11 mg/kg/day
- Duration:
 - **12-16 weeks** if:
 - HCV RNA < 1000 IU/mL day 7
 - or RVR + favorable factors (age <40 , mild fibrosis, or low viral load)
 - **24 weeks** if RVR + unfavorable factors
 - **36-48 weeks** if HCV RNA >50 IU/mL week 4 or detectable week 12
 - **48 weeks** if cirrhosis

HCV Treatment in Children

- Same as in adults
- **Exception:** No reports on PI use in this population

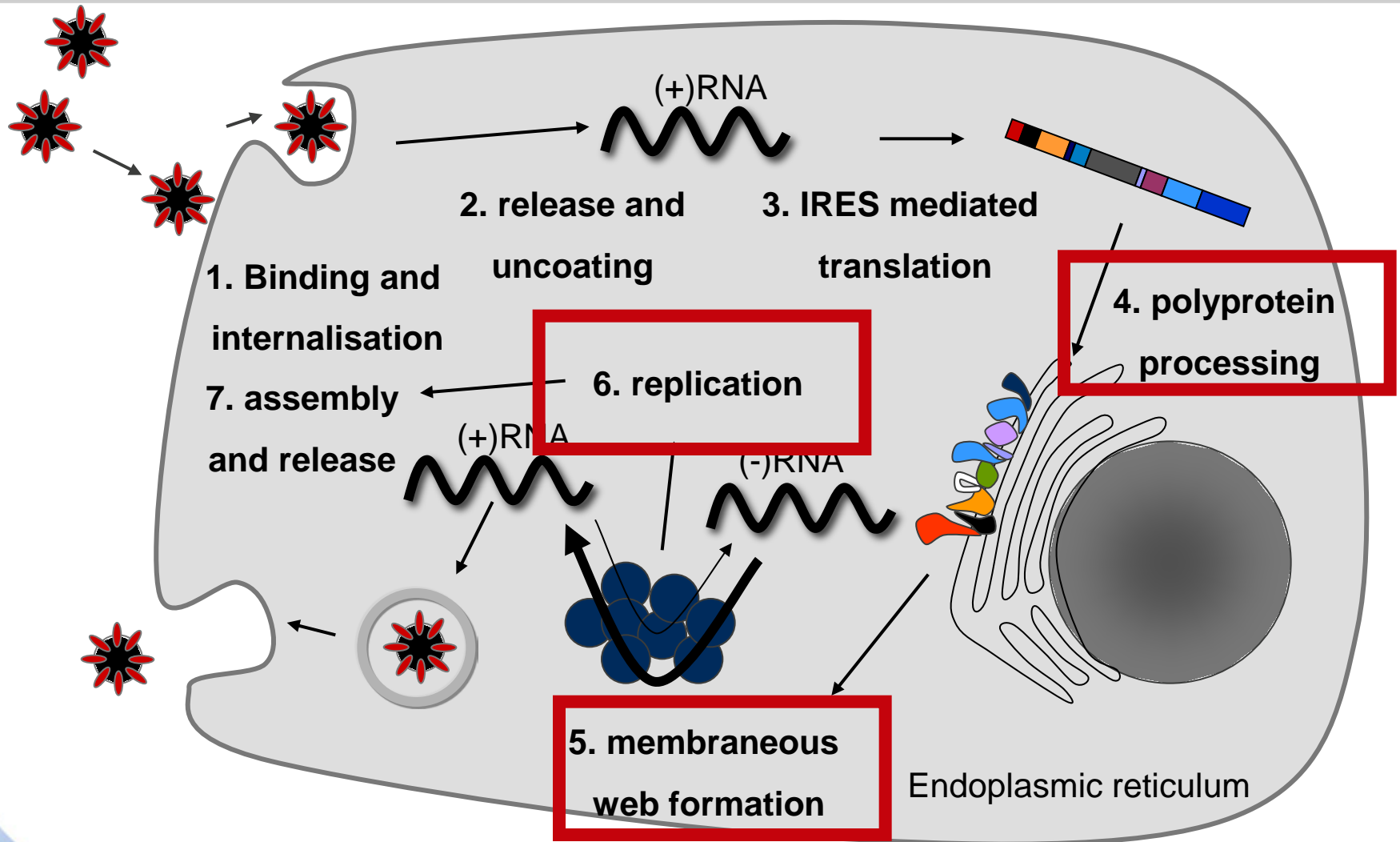
Current therapy in Sweden

Current HCV Therapy

- Only cirrhotic patients are currently initiating therapy
- Considerable warehousing of patients

New Guidelines Likely in 2014

HCV and potential therapy



New DAAs likely to be approved 2013-2014 in EU

- Sofosbuvir: Polymerase Inhibitor (Gilead)
- Simeprevir: 2nd generation Protease Inhibitor (Janssen/Medivir)

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 - Cirrhotics: Sofosbuvir + ribavirin ≥ 16 weeks

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 - Simeprevir + Sofosbuvir + (ribavirin) 12 weeks
- Genotype 2:
 - Non-cirrhotics: Sofosbuvir + ribavirin 12 weeks
 - Cirrhotics: Sofosbuvir + ribavirin ≥ 16 weeks
- Genotype 3:
 - Sofosbuvir + ribavirin 24 weeks (lower SVR than genotype 1 or 2)
 - The new "**Difficult-to-Cure**" genotype

Possible Interferon-free HCV Therapy from 2015-16

- Abbvie combination
- BMS combination including Daclatasvir (NS5a inhibitor)
- Gilead combination
- MSD combination
- Janssen combination?

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- Cost
 - If low:
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- Adherence
- Side-effects no longer an issue

Please Do Not Forget

- All patents expire
 - DAA patents expire 2025-2029
- Eradication programs eventually will be possible with regards to cost