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Supplementary appendix

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Supplementary Table 1: Global HCV and HIV Treatment Restrictions Group (Network): Name and Affiliation

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Supplementary Table 2. Criteria for countries that have drug and alcohol use restrictions for HCV DAA therapy

| Country | Drug and alcohol use criteria |
|------------------------|--|
| Bosnia and Herzegovina | 6 month abstinence from injection drug and alcohol use* |
| Brunei | 6 month abstinence from injection drug use documented in psychiatrist report* People who use drugs may be referred for HCV treatment once admitted to a substance use rehabilitation centre* |
| Croatia | 6 month abstinence from injection drug and alcohol use for people who have a history of injection drug use 6 month abstinence from injection drug use documented in psychiatrist report Toxicology tests every 3 months during HCV treatment |
| Guyana | Completion of a substance use rehabilitation programme* 3 month abstinence from drug use* |
| Libya | People who use drugs or alcohol must be referred to an addiction centre prior to HCV treatment* [†] |
| North Macedonia | People who use drugs or alcohol recommended to receive opioid agonist treatment and/or psychiatric therapy |
| Uruguay | Evaluation by mental health professional for people who use drugs or alcohol Accompaniment by mental health professional during HCV treatment |

*Interpretation of drug or alcohol use restriction criteria by relevant in-country expert

[†]Except in cases wherein HCV treatment is designated as urgent, e.g., HIV co-infection, Child Pugh B

Supplementary Table 3. Criteria for countries that have retreatment restrictions for HCV DAA therapy

| Country | Retreatment criteria |
|------------------------|---|
| Bosnia and Herzegovina | People who inject drugs can receive reimbursed retreatment on a case by case basis* |
| Puerto Rico | Patients can receive one cycle of retreatment |
| Myanmar | Retreatment is not reimbursed* |
| South Korea | Retreatment is partially covered based on patient income SOF/VEL/VOX is not reimbursed |
| North Macedonia | Retreatment is not reimbursed* |
| Taiwan | Patients can receive one cycle of treatment |
| Türkiye | Patients can receive one cycle of retreatment* |
| Uruguay | Retreatment is not reimbursed* |

* Interpretation of drug or alcohol use restriction criteria by relevant in-country expert

- Yes restriction (DAA reimbursement limited by restriction of interest)
- None stated (DAA reimbursement is available in country but absence of evidence of restriction of interest)
- No restriction (DAA reimbursement is not limited by restriction of interest)
- Restriction data unavailable (DAA reimbursement is available in country but restriction data unknown)
- Not applicable (DAA reimbursement not available in country)
- No information (country not included in restriction analysis due to lack of reimbursement data)

| | | Prescriber | Fibrosis stage | Drug use | Alcohol use | Retreatment |
|----------------|-------------------------|------------|----------------|----------|-------------|-------------|
| Eastern Europe | Armenia* | Yes | No | No | NS | NS |
| | Azerbaijan* | RDU | NS | NS | No | NS |
| | Belarus* | Yes | No | No | No | No |
| | Bosnia and Herzegovina* | Yes | No | Yes | Yes | Yes |
| | Bulgaria | Yes | No | No | No | No |
| | Croatia | Yes | No | Yes | Yes | No |
| | Czech Republic | Yes | No | No | No | No |
| | Estonia | Yes | No | No | No | No |
| | Georgia* | No | No | No | NS | No |
| | Hungary | Yes | No | No | No | No |
| | Latvia | Yes | Yes | No | No | No |
| | Lithuania | Yes | Yes | No | No | No |
| | Moldova* | No | No | No | No | No |
| | Poland | Yes | No | No | No | No |
| | Romania | Yes | No | No | No | No |
| | Russia | Yes | No | No | NS | NS |
| | Slovakia | Yes | No | No | No | No |
| | Ukraine* | No | No | No | No | No |
| | Svalbard and Jan Mayen | Yes | No | No | No | No |
| Western Europe | Albania* | RDU | RDU | RDU | RDU | RDU |
| | Andorra | NI | NI | NI | NI | NI |
| | Austria | Yes | No | No | No | No |
| | Belgium | Yes | No | No | No | NS |
| | Denmark | Yes | No | No | No | No |
| | England | No | No | No | No | No |
| | Finland | No | No | No | No | No |
| | North Macedonia* | Yes | No | Yes | Yes | Yes |
| | France | No | No | No | No | No |
| | Germany | No | No | No | No | No |
| | Greece | Yes | No | No | No | No |
| | Iceland | Yes | No | No | No | No |
| | Ireland | No | No | No | No | NS |
| | Italy | Yes | No | No | No | NS |
| | Liechtenstein | No | No | No | No | NS |
| | Luxembourg | Yes | No | No | No | No |

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|-----------------------|------------------|-----|-----|-----|-----|-----|
| | Malta | Yes | No | No | No | No |
| | Monaco | NI | NI | NI | NI | NI |
| | Montenegro* | NI | NI | NI | NI | NI |
| | Netherlands | No | No | No | No | No |
| | Norway | Yes | No | No | No | No |
| | Northern Ireland | Yes | No | No | No | No |
| | Portugal | Yes | No | No | No | NS |
| | San Marino | NI | NI | NI | NI | NI |
| | Scotland | No | No | No | No | No |
| | Serbia* | Yes | NS | NS | NS | No |
| | Slovenia | Yes | No | No | No | No |
| | Spain | Yes | No | No | No | No |
| | Sweden | No | No | No | No | No |
| | Switzerland | No | No | No | No | NS |
| | Greenland | Yes | No | No | No | No |
| | Wales | No | No | No | No | No |
| East & Southeast Asia | Brunei | Yes | No | Yes | No | No |
| | Cambodia* | N/A | N/A | N/A | N/A | N/A |
| | China* | Yes | NS | RDU | RDU | RDU |
| | North Korea* | NI | NI | NI | NI | NI |
| | Indonesia* | Yes | No | NS | NS | No |
| | Japan | NS | NS | NS | NS | NS |
| | Laos* | N/A | N/A | N/A | N/A | N/A |
| | Malaysia* | Yes | No | No | No | NS |
| | Mongolia* | Yes | No | No | No | No |
| | Myanmar* | No | No | No | No | Yes |
| | South Korea | No | NS | No | NS | Yes |
| | Philippines* | RDU | RDU | RDU | RDU | RDU |
| | Singapore | Yes | No | NS | NS | No |
| | Taiwan* | No | No | NS | NS | Yes |
| | Thailand* | Yes | Yes | No | No | No |
| | Timor-Leste* | Yes | NS | NS | NS | No |
| | Viet Nam* | Yes | No | No | NS | NS |
| South Asia | Afghanistan* | No | No | No | No | No |
| | Bangladesh* | Yes | No | No | RDU | No |
| | Bhutan* | No | No | NS | NS | NS |
| | India* | No | No | No | No | No |
| | Iran* | Yes | No | No | NS | No |
| | Maldives* | NI | NI | NI | NI | NI |
| | Nepal* | N/A | N/A | N/A | N/A | N/A |
| | Pakistan* | NS | No | No | No | No |
| | Sri Lanka* | NI | NI | NI | NI | NI |

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|---------------------|-------------------------------|-----|-----|-----|-----|-----|
| Central Asia | Kazakhstan* | Yes | No | No | No | No |
| | Kyrgyzstan* | N/A | N/A | N/A | N/A | N/A |
| | Tajikistan* | N/A | N/A | N/A | N/A | N/A |
| | Turkmenistan* | NI | NI | NI | NI | NI |
| | Uzbekistan* | Yes | No | No | No | No |
| Caribbean | Antigua and Barbuda | NI | NI | NI | NI | NI |
| | Bahamas | NI | NI | NI | NI | NI |
| | Barbados | NI | NI | NI | NI | NI |
| | Bermuda | NI | NI | NI | NI | NI |
| | Puerto Rico | No | No | No | No | Yes |
| | Cuba* | NI | NI | NI | NI | NI |
| | Dominica* | NI | NI | NI | NI | NI |
| | Dominican Republic* | Yes | No | NS | NS | No |
| | Grenada* | NI | NI | NI | NI | NI |
| | Haiti* | NS | No | No | NS | No |
| | Jamaica* | N/A | N/A | N/A | N/A | N/A |
| | Saint Kitts and Nevis | NI | NI | NI | NI | NI |
| | Saint Lucia* | NI | NI | NI | NI | NI |
| | Saint Vincent and Grenadines* | N/A | N/A | N/A | N/A | N/A |
| Trinidad and Tobago | N/A | N/A | N/A | N/A | N/A | |
| Latin America | Argentina* | No | No | No | No | No |
| | Belize* | NI | NI | NI | NI | NI |
| | Bolivia* | Yes | No | RDU | RDU | No |
| | Brazil* | No | No | No | No | No |
| | Chile | Yes | No | NS | NS | NS |
| | Colombia* | Yes | No | No | No | No |
| | Costa Rica* | NI | NI | NI | NI | NI |
| | Ecuador* | Yes | No | No | No | No |
| | El Salvador* | NI | NI | NI | NI | NI |
| | Guatemala* | No | No | No | NS | No |
| | Guyana* | Yes | No | Yes | NS | No |
| | Honduras* | NI | NI | NI | NI | NI |
| | Mexico* | No | No | No | No | NS |
| | Nicaragua* | NI | NI | NI | NI | NI |
| | Panama* | NI | NI | NI | NI | NI |
| | Paraguay* | NI | NI | NI | NI | NI |
| | Peru* | Yes | No | No | No | No |
| | Suriname* | NI | NI | NI | NI | NI |
| | Uruguay | Yes | NS | Yes | Yes | Yes |
| | Venezuela* | N/A | N/A | N/A | N/A | N/A |
| French Guiana | NI | NI | NI | NI | NI | |
| North America | Canada | No | No | NS | NS | NS |
| | USA | No | No | No | No | No |

| | | | | | | |
|---|---------------------------------|-----|-----|-----|-----|-----|
| Pacific Island Countries & Territories | American Samoa | NI | NI | NI | NI | NI |
| | Cook Islands | No | No | No | No | No |
| | Fed. States of Micronesia* | NI | NI | NI | NI | NI |
| | Fiji* | N/A | N/A | N/A | N/A | N/A |
| | French Polynesia | NI | NI | NI | NI | NI |
| | Guam | NI | NI | NI | NI | NI |
| | Kiribati* | NI | NI | NI | NI | NI |
| | Marshall Islands* | NI | NI | NI | NI | NI |
| | Nauru* | NI | NI | NI | NI | NI |
| | New Caledonia | NI | NI | NI | NI | NI |
| | Palau* | NI | NI | NI | NI | NI |
| | Papua New Guinea* | N/A | N/A | N/A | N/A | N/A |
| | Samoa* | NI | NI | NI | NI | NI |
| | Solomon Islands* | NI | NI | NI | NI | NI |
| | Tonga* | NI | NI | NI | NI | NI |
| Tuvalu* | NI | NI | NI | NI | NI | |
| Vanuatu* | NI | NI | NI | NI | NI | |
| Australasia | Australia | No | No | No | No | No |
| | New Zealand | No | No | No | No | No |
| Middle East & North Africa | Algeria* | Yes | No | No | No | No |
| | Bahrain | Yes | No | No | No | No |
| | Cyprus | NI | NI | NI | NI | NI |
| | Egypt* | NS | No | NS | NS | No |
| | Iraq* | NI | NI | NI | NI | NI |
| | Israel | No | No | NS | NS | NS |
| | Jordan* | NI | NI | NI | NI | NI |
| | Kuwait | Yes | No | No | No | No |
| | Lebanon* | NI | NI | NI | NI | NI |
| | Libya* | Yes | RDU | Yes | Yes | RDU |
| | Morocco* | Yes | NS | No | NS | No |
| | Occupied Palestinian Territory* | N/A | N/A | N/A | N/A | N/A |
| | Oman | Yes | No | No | No | No |
| | Qatar | NI | NI | NI | NI | NI |
| | Saudi Arabia | Yes | No | NS | NS | No |
| | Sudan* | N/A | N/A | N/A | N/A | N/A |
| | Syrian Arab Republic* | NI | NI | NI | NI | NI |
| | Tunisia* | Yes | No | NS | NS | NS |
| | Türkiye* | Yes | No | NS | NS | Yes |
| | United Arab Emirates | Yes | No | No | No | No |
| Yemen* | NI | NI | NI | NI | NI | |
| Western Sahara* | NI | NI | NI | NI | NI | |

Sub-Saharan Africa

| | | | | | |
|---------------------------|-----|-----|-----|-----|-----|
| Angola* | N/A | N/A | N/A | N/A | N/A |
| Benin* | Yes | No | NS | NS | No |
| Botswana* | NI | NI | NI | NI | NI |
| Burkina Faso* | N/A | N/A | N/A | N/A | N/A |
| Burundi* | N/A | N/A | N/A | N/A | N/A |
| Cameroon* | No | No | No | No | No |
| Cape Verde* | NI | NI | NI | NI | NI |
| Central African Republic* | NI | NI | NI | NI | NI |
| Chad* | N/A | N/A | N/A | N/A | N/A |
| Comoros* | N/A | N/A | N/A | N/A | N/A |
| Cote d'Ivoire* | N/A | N/A | N/A | N/A | N/A |
| DR Congo* | N/A | N/A | N/A | N/A | N/A |
| Djibouti* | NI | NI | NI | NI | NI |
| Equatorial Guinea* | NI | NI | NI | NI | NI |
| Eritrea* | Yes | No | NS | NS | NS |
| Ethiopia* | N/A | N/A | N/A | N/A | N/A |
| Gabon* | No | No | No | No | No |
| The Gambia* | N/A | N/A | N/A | N/A | N/A |
| Ghana* | N/A | N/A | N/A | N/A | N/A |
| Guinea* | No | NS | NS | NS | No |
| Guinea-Bissau* | N/A | N/A | N/A | N/A | N/A |
| Kenya* | NS | NS | No | NS | NS |
| Lesotho* | NI | NI | NI | NI | NI |
| Liberia* | N/A | N/A | N/A | N/A | N/A |
| Madagascar* | N/A | N/A | N/A | N/A | N/A |
| Malawi* | N/A | N/A | N/A | N/A | N/A |
| Mali* | NI | NI | NI | NI | NI |
| Mauritania* | NI | NI | NI | NI | NI |
| Mauritius* | Yes | No | NS | No | No |
| Mozambique* | Yes | No | No | NS | NS |
| Namibia* | NI | NI | NI | NI | NI |
| Niger* | NI | NI | NI | NI | NI |
| Nigeria* | N/A | N/A | N/A | N/A | N/A |
| Republic of the Congo* | N/A | N/A | N/A | N/A | N/A |
| Rwanda* | No | No | NS | NS | No |
| São Tomé and Príncipe* | NI | NI | NI | NI | NI |
| Senegal* | N/A | N/A | N/A | N/A | N/A |
| Seychelles | NI | NI | NI | NI | NI |
| Sierra Leone* | N/A | N/A | N/A | N/A | N/A |
| Somalia* | N/A | N/A | N/A | N/A | N/A |
| South Africa* | N/A | N/A | N/A | N/A | N/A |
| Eswatini* | N/A | N/A | N/A | N/A | N/A |
| Togo* | N/A | N/A | N/A | N/A | N/A |
| Uganda* | N/A | N/A | N/A | N/A | N/A |

| | | | | | |
|--------------|-----|-----|-----|-----|-----|
| Tanzania* | N/A | N/A | N/A | N/A | N/A |
| Zambia* | N/A | N/A | N/A | N/A | N/A |
| Zimbabwe* | N/A | N/A | N/A | N/A | N/A |
| South Sudan* | N/A | N/A | N/A | N/A | N/A |

Supplementary Figure 1. Restrictions to reimbursed DAAs for HCV infection by country

*=Designated as low- and middle-income country or territories as defined by Development Assistance Committee of Official Development Assistance recipients. Effective for reporting on 2022 and 2023 flows. Organisation for Economic Co-operation and Development. List can be accessed here: oe.cd/dac-list-oda-recipients