### Supplementary Table 1. Generic questionnaire assessing health-related quality of life

<table>
<thead>
<tr>
<th>Questionnaire</th>
<th>Items</th>
<th>Structure</th>
<th>Scoring system</th>
<th>Advantage</th>
<th>Disadvantage</th>
</tr>
</thead>
<tbody>
<tr>
<td>SF-36</td>
<td>36 Likert scale</td>
<td>Two summary components: physical component summary + mental component summary. Eight domains: physical functioning, physical role, bodily pain, general health, vitality, social functioning, emotional role, mental health.</td>
<td>All domains and summary scores expressed as T-scores. Higher scores mean better HRQoL.</td>
<td>Easy to complete, higher sensitivity, most widely used questionnaire, multiple language versions, norm based scoring, shorter forms available (SF-8, SF-12).</td>
<td>License fee, need to use scoring algorithms, different normative data according to population.</td>
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<tr>
<td>SIP</td>
<td>136 dichotomous scale</td>
<td>Twelve domains in 3 dimensions: 1) Independent dimension: sleep &amp; rest, eating, work, home management, recreation &amp; pastimes. 2) Physical dimension: ambulation, mobility, body care, movement. 3) Psychosocial dimension: social interaction, alertness, behavior, emotional behavior, communication.</td>
<td>All domains and overall scores expressed as scales (0-100). Higher scores mean worse HRQoL.</td>
<td>Widely used, comparable with other diseases.</td>
<td>Burdensome to respond for severe patients, license fee to use, no validated foreign language forms.</td>
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<tr>
<td>NHP</td>
<td>45 Likert scale</td>
<td>Six domain scores: energy, pain, emotional reaction, sleep, social isolation, physical abilities. Seven life areas affected: occupation, jobs in home, home life, social life, sex, hobbies, holidays.</td>
<td>Domain scores expressed as scales (0-100). Higher scores mean worse HRQoL.</td>
<td>No license fee, short time to complete, validated foreign language forms.</td>
<td>Less used in liver disease patients.</td>
</tr>
</tbody>
</table>

SF-36, Medical Outcomes Study Short Form-36; HRQoL, health-related quality of life; SIP, Sickness Impact Profile; NHP, Nottingham health profile.