

**Title:** Usefulness of Ultrasonography and Elastography in Diagnosing Oxaliplatin-induced Sinusoidal Obstruction Syndrome

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Table S1. Supplementary data on cross-tabulation of each HokUS-10 parameter score

| <b>Left lobe vertical<br/>diameter</b>  | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|-----------------------------------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                                         | Observed                                | Not observed |                      |                                |
| Score ≥ 1                               | 1                                       | 1            | 2                    | <b>1.27 (0.30-5.48)</b>        |
| Score < 1                               | 11                                      | 17           | 28                   |                                |
| Total (n)                               | 12                                      | 18           | 30                   |                                |
| <b>Right lobe vertical<br/>diameter</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|                                         | Observed                                | Not observed |                      |                                |
| Score ≥ 1                               | 3                                       | 7            | 10                   | <b>0.67 (0.23-1.93)</b>        |
| Score < 1                               | 9                                       | 11           | 20                   |                                |
| Total (n)                               | 12                                      | 18           | 30                   |                                |
| <b>Gallbladder wall<br/>thickening</b>  | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|                                         | Observed                                | Not observed |                      |                                |
| Score ≥ 1                               | 0                                       | 0            | 0                    | <b>-</b>                       |
| Score < 1                               | 11                                      | 15           | 26                   |                                |
| Total (n)                               | 11                                      | 15           | 26                   |                                |
| <b>Portal vein diameter</b>             | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|                                         | Observed                                | Not observed |                      |                                |
| Score ≥ 1                               | 1                                       | 3            | 4                    | <b>0.59 (0.10-3.42)</b>        |
| Score < 1                               | 11                                      | 15           | 26                   |                                |
| Total (n)                               | 12                                      | 18           | 30                   |                                |
| <b>Paraumbilical vein<br/>diameter</b>  | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|                                         | Observed                                | Not observed |                      |                                |
| Score ≥ 2                               | 0                                       | 0            | 0                    | <b>-</b>                       |
| Score < 2                               | 12                                      | 18           | 30                   |                                |
| Total (n)                               | 12                                      | 18           | 30                   |                                |

| <b>Ascites</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|----------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                | Observed                                | Not observed |                      |                                |
| Score ≥ 1      | 7                                       | 7            | 14                   | <b>1.60 (0.65-3.92)</b>        |
| Score < 1      | 5                                       | 11           | 16                   |                                |
| Total (n)      | 12                                      | 18           | 30                   |                                |

  

| <b>Portal vein mean<br/>velocity</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|--------------------------------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                                      | Observed                                | Not observed |                      |                                |
| Score ≥ 1                            | 1                                       | 3            | 4                    | <b>0.59 (0.10-3.42)</b>        |
| Score < 1                            | 11                                      | 15           | 26                   |                                |
| Total (n)                            | 12                                      | 18           | 30                   |                                |

  

| <b>Direction of the portal<br/>vein blood flow signal</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|-----------------------------------------------------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                                                           | Observed                                | Not observed |                      |                                |
| Score ≥ 1                                                 | 0                                       | 0            | 0                    | <b>-</b>                       |
| Score < 1                                                 | 12                                      | 18           | 30                   |                                |
| Total (n)                                                 | 12                                      | 18           | 30                   |                                |

  

| <b>Appearance of<br/>paraumbilical vein<br/>blood flow signal</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|-------------------------------------------------------------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                                                                   | Observed                                | Not observed |                      |                                |
| Score ≥ 2                                                         | 0                                       | 0            | 0                    | <b>-</b>                       |
| Score < 2                                                         | 12                                      | 18           | 30                   |                                |
| Total (n)                                                         | 12                                      | 18           | 30                   |                                |

  

| <b>Hepatic artery<br/>resistive index</b> | <b>≥ 30% increase in splenic volume</b> |              | <b>Total<br/>(n)</b> | <b>Risk ratio<br/>(95% CI)</b> |
|-------------------------------------------|-----------------------------------------|--------------|----------------------|--------------------------------|
|                                           | Observed                                | Not observed |                      |                                |
| Score ≥ 1                                 | 8                                       | 9            | 17                   | <b>1.53 (0.59-3.99)</b>        |
| Score < 1                                 | 4                                       | 9            | 13                   |                                |
| Total (n)                                 | 12                                      | 18           | 30                   |                                |

We summarized an increase  $\geq 30\%$  in splenic volume and each score of HokUS-10 parameters (left and right lobe vertical diameter, gallbladder wall thickening, portal vein diameter, paraumbilical vein diameter, ascites, portal vein mean velocity, direction of the portal vein blood flow signal, appearance of paraumbilical vein blood flow signal, hepatic artery resistive index) in the form of cross tabulations and calculated the risk ratio (95% Confidence interval, CI).