



Clinical trial results:

A Phase 2, Open-label Study to Evaluate the Safety and Efficacy of Switching to Tenofovir Alafenamide (TAF) from Tenofovir Disoproxil Fumarate (TDF) and/or Other Oral Antiviral Treatment (OAV) in Virologically Suppressed Chronic Hepatitis B Subjects with Renal and/or Hepatic Impairment

Summary

| | |
|--------------------------|-------------------|
| EudraCT number | 2016-004625-16 |
| Trial protocol | GB FR IT |
| Global end of trial date | 04 September 2020 |

Results information

| | |
|--------------------------------|-------------------|
| Result version number | v1 (current) |
| This version publication date | 15 September 2021 |
| First version publication date | 15 September 2021 |

Trial information

Trial identification

| | |
|-----------------------|----------------|
| Sponsor protocol code | GS-US-320-4035 |
|-----------------------|----------------|

Additional study identifiers

| | |
|------------------------------------|-------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT03180619 |
| WHO universal trial number (UTN) | - |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Gilead Sciences |
| Sponsor organisation address | 333 Lakeside Drive, Foster City, CA, United States, 94404 |
| Public contact | Gilead Clinical Study Information Center, Gilead Sciences, GileadClinicalTrials@gilead.com |
| Scientific contact | Gilead Clinical Study Information Center, Gilead Sciences, GileadClinicalTrials@gilead.com |

Notes:

Paediatric regulatory details

| | |
|--|----|
| Is trial part of an agreed paediatric investigation plan (PIP) | No |
| Does article 45 of REGULATION (EC) No 1901/2006 apply to this trial? | No |
| Does article 46 of REGULATION (EC) No 1901/2006 apply to this trial? | No |

Notes:

Results analysis stage

| | |
|--|-------------------|
| Analysis stage | Final |
| Date of interim/final analysis | 04 September 2020 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 27 March 2019 |
| Global end of trial reached? | Yes |
| Global end of trial date | 04 September 2020 |
| Was the trial ended prematurely? | No |

Notes:

General information about the trial

Main objective of the trial:

The primary objective of this study was to evaluate the safety and tolerability and virologic response of tenofovir alafenamide (TAF) in virologically suppressed chronic hepatitis B participants with renal and/or hepatic impairment.

Protection of trial subjects:

The protocol and consent/assent forms were submitted by each investigator to a duly constituted Independent Ethics Committee (IEC) or Institutional Review Board (IRB) for review and approval before study initiation. All revisions to the consent/assent forms (if applicable) after initial IEC/IRB approval were submitted by the investigator to the IEC/IRB for review and approval before implementation in accordance with regulatory requirements.

This study was conducted in accordance with recognized international scientific and ethical standards, including but not limited to the International Conference on Harmonization guideline for Good Clinical Practice (ICH GCP) and the original principles embodied in the Declaration of Helsinki.

Background therapy: -

Evidence for comparator: -

| | |
|---|--------------|
| Actual start date of recruitment | 29 June 2017 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | Yes |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|------------------------|
| Country: Number of subjects enrolled | United Kingdom: 2 |
| Country: Number of subjects enrolled | Taiwan: 33 |
| Country: Number of subjects enrolled | Canada: 25 |
| Country: Number of subjects enrolled | Korea, Republic of: 20 |
| Country: Number of subjects enrolled | Hong Kong: 17 |
| Country: Number of subjects enrolled | Italy: 15 |
| Country: Number of subjects enrolled | United States: 10 |
| Country: Number of subjects enrolled | New Zealand: 2 |
| Worldwide total number of subjects | 124 |
| EEA total number of subjects | 15 |

Notes:

| Subjects enrolled per age group | |
|---|----|
| In utero | 0 |
| Preterm newborn - gestational age < 37 wk | 0 |
| Newborns (0-27 days) | 0 |
| Infants and toddlers (28 days-23 months) | 0 |
| Children (2-11 years) | 0 |
| Adolescents (12-17 years) | 0 |
| Adults (18-64 years) | 71 |
| From 65 to 84 years | 52 |
| 85 years and over | 1 |

Subject disposition

Recruitment

Recruitment details:

Participants were enrolled at study sites in Asia Pacific, North America, and Europe. The first participant was screened on 29 June 2017. The last study visit occurred on 04 September 2020.

Pre-assignment

Screening details:

147 participants were screened.

Period 1

| | |
|------------------------------|--------------------------------|
| Period 1 title | Overall Study (overall period) |
| Is this the baseline period? | Yes |
| Allocation method | Non-randomised - controlled |
| Blinding used | Not blinded |

Arms

| | |
|------------------------------|--|
| Are arms mutually exclusive? | Yes |
| Arm title | Part A (Renal Impairment): Moderate or Severe Renal Impairment |

Arm description:

Participants with chronic hepatitis B (CHB) and moderate or severe renal impairment who were virologically suppressed and took tenofovir disoproxil fumarate (TDF), a TDF-containing anti-hepatitis B virus (HBV) regimen, or other oral antivirals (OAVs), switched to tenofovir alafenamide (TAF) and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|--|-----------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Tenofovir Alafenamide |
| Investigational medicinal product code | |
| Other name | Vemlidy® |
| Pharmaceutical forms | Film-coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

25 mg administered once daily

| | |
|------------------|--|
| Arm title | Part A (Renal Impairment): End Stage Renal Disease |
|------------------|--|

Arm description:

Participants with CHB and end stage renal disease who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|--|-----------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Tenofovir Alafenamide |
| Investigational medicinal product code | |
| Other name | Vemlidy® |
| Pharmaceutical forms | Film-coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

25 mg administered once daily

| | |
|------------------|----------------------------|
| Arm title | Part B: Hepatic Impairment |
|------------------|----------------------------|

Arm description:

Participants with CHB and moderate or severe hepatic impairment who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|----------|--------------|
| Arm type | Experimental |
|----------|--------------|

| | |
|--|-----------------------|
| Investigational medicinal product name | Tenofovir Alafenamide |
| Investigational medicinal product code | |
| Other name | Vemlidy® |
| Pharmaceutical forms | Film-coated tablet |
| Routes of administration | Oral use |

Dosage and administration details:

25 mg administered once daily

| Number of subjects in period 1 | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment |
|--------------------------------|---|--|----------------------------|
| | | | |
| Started | 78 | 15 | 31 |
| Completed | 67 | 14 | 25 |
| Not completed | 11 | 1 | 6 |
| Death | 2 | 1 | 2 |
| Adverse event | 2 | - | 1 |
| Withdrew consent | 5 | - | 2 |
| Investigator's discretion | 2 | - | 1 |

Baseline characteristics

Reporting groups

| | |
|-----------------------|--|
| Reporting group title | Part A (Renal Impairment): Moderate or Severe Renal Impairment |
|-----------------------|--|

Reporting group description:

Participants with chronic hepatitis B (CHB) and moderate or severe renal impairment who were virologically suppressed and took tenofovir disoproxil fumarate (TDF), a TDF-containing anti-hepatitis B virus (HBV) regimen, or other oral antivirals (OAVs), switched to tenofovir alafenamide (TAF) and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|-----------------------|--|
| Reporting group title | Part A (Renal Impairment): End Stage Renal Disease |
|-----------------------|--|

Reporting group description:

Participants with CHB and end stage renal disease who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|-----------------------|----------------------------|
| Reporting group title | Part B: Hepatic Impairment |
|-----------------------|----------------------------|

Reporting group description:

Participants with CHB and moderate or severe hepatic impairment who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| Reporting group values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment |
|------------------------------------|--|--|----------------------------|
| Number of subjects | 78 | 15 | 31 |
| Age categorical Units: Subjects | | | |

| | | | |
|---|--------------|--------------|--------------|
| Age continuous Units: years arithmetic mean standard deviation | 66 ± 10.1 | 54 ± 12.8 | 55 ± 10.8 |
| Gender categorical Units: Subjects | | | |
| Female | 21 | 3 | 10 |
| Male | 57 | 12 | 21 |
| Race Units: Subjects | | | |
| Asian | 59 | 13 | 25 |
| Black or African American | 3 | 0 | 1 |
| Native Hawaiian or Pacific Islander | 0 | 2 | 0 |
| White | 15 | 0 | 4 |
| Other | 1 | 0 | 1 |
| Ethnicity Units: Subjects | | | |
| Hispanic or Latino | 0 | 0 | 1 |
| Not Hispanic or Latino | 78 | 15 | 30 |
| ALT Level Based on Central Lab Normal Range | | | |

Central laboratory upper limit of normal (ULN) for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years.

| | | | |
|---|---------|---------|---------|
| Units: Subjects | | | |
| <= ULN | 75 | 15 | 27 |
| > ULN - 5xULN | 3 | 0 | 4 |
| > 5xULN | 0 | 0 | 0 |
| ALT Level Based on 2018 American Association for the Study of Liver Diseases (AASLD) Normal Range | | | |
| The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. | | | |
| Units: Subjects | | | |
| <= ULN | 73 | 15 | 21 |
| > ULN - 5xULN | 5 | 0 | 10 |
| > 5xULN | 0 | 0 | 0 |
| Hepatitis B Virus (HBV) Deoxyribonucleic Acid (DNA) Categories | | | |
| Units: Subjects | | | |
| < 20 IU/mL | 77 | 14 | 31 |
| >= 20 IU/mL - < 69 IU/mL | 0 | 1 | 0 |
| >= 69 IU/mL | 1 | 0 | 0 |
| Hepatitis B e Antigen/Antibody (HBeAg/HBeAb) Status | | | |
| Units: Subjects | | | |
| Positive/Negative | 13 | 3 | 3 |
| Positive/Positive | 0 | 0 | 0 |
| Negative/Negative | 15 | 1 | 10 |
| Negative/Positive | 50 | 11 | 18 |
| Alanine Aminotransferase (ALT) | | | |
| Units: U/L | | | |
| arithmetic mean | 20 | 14 | 28 |
| standard deviation | ± 9.6 | ± 5.2 | ± 12.4 |
| Estimated Glomerular Filtration Rate by the Cockcroft-Gault Formula (eGFRcg) | | | |
| GFR is a measure of the rate at which blood is filtered by the kidney. Cockcroft-Gault is an equation (calculation) used to estimate GFR based on serum creatinine, weight, and gender. $eGFR_{cg} = (140 - \text{age in years}) * (\text{body weight in kg}) * (0.85 \text{ if female}) \text{ divided by } 72 * \text{serum creatinine in mg/dL}$. | | | |
| Units: mL/min | | | |
| arithmetic mean | 45.5 | 7.8 | 98.8 |
| standard deviation | ± 10.89 | ± 2.63 | ± 33.94 |
| Hepatitis s-Antigen (HBsAg) | | | |
| Units: log10 IU/mL | | | |
| arithmetic mean | 2.51 | 2.72 | 1.90 |
| standard deviation | ± 0.782 | ± 1.405 | ± 1.169 |
| FibroTest® Score | | | |
| The FibroTest® score is used to assess liver fibrosis. Scores range from 0.00 to 1.00, with higher scores indicating a greater degree of fibrosis. | | | |
| Units: units on a scale | | | |
| arithmetic mean | 0.53 | 0.37 | 0.75 |
| standard deviation | ± 0.199 | ± 0.199 | ± 0.206 |
| Reporting group values | Total | | |
| Number of subjects | 124 | | |
| Age categorical | | | |
| Units: Subjects | | | |

| | | | |
|---|-----|--|--|
| Age continuous Units: years arithmetic mean standard deviation | - | | |
| Gender categorical Units: Subjects | | | |
| Female | 34 | | |
| Male | 90 | | |
| Race Units: Subjects | | | |
| Asian | 97 | | |
| Black or African American | 4 | | |
| Native Hawaiian or Pacific Islander | 2 | | |
| White | 19 | | |
| Other | 2 | | |
| Ethnicity Units: Subjects | | | |
| Hispanic or Latino | 1 | | |
| Not Hispanic or Latino | 123 | | |
| ALT Level Based on Central Lab Normal Range | | | |
| Central laboratory upper limit of normal (ULN) for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. | | | |
| Units: Subjects | | | |
| ≤ ULN | 117 | | |
| > ULN - 5xULN | 7 | | |
| > 5xULN | 0 | | |
| ALT Level Based on 2018 American Association for the Study of Liver Diseases (AASLD) Normal Range | | | |
| The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. | | | |
| Units: Subjects | | | |
| ≤ ULN | 109 | | |
| > ULN - 5xULN | 15 | | |
| > 5xULN | 0 | | |
| Hepatitis B Virus (HBV) Deoxyribonucleic Acid (DNA) Categories Units: Subjects | | | |
| < 20 IU/mL | 122 | | |
| ≥ 20 IU/mL - < 69 IU/mL | 1 | | |
| ≥ 69 IU/mL | 1 | | |
| Hepatitis B e Antigen/Antibody (HBeAg/HBeAb) Status Units: Subjects | | | |
| Positive/Negative | 19 | | |
| Positive/Positive | 0 | | |
| Negative/Negative | 26 | | |
| Negative/Positive | 79 | | |
| Alanine Aminotransferase (ALT) Units: U/L arithmetic mean standard deviation | - | | |

| | | | |
|---|---|--|--|
| Estimated Glomerular Filtration Rate by the Cockcroft-Gault Formula (eGFR _{cg}) | | | |
| GFR is a measure of the rate at which blood is filtered by the kidney. Cockcroft-Gault is an equation (calculation) used to estimate GFR based on serum creatinine, weight, and gender. $eGFR_{cg} = (140 - \text{age in years}) * (\text{body weight in kg}) * (0.85 \text{ if female}) \text{ divided by } 72 * \text{serum creatinine in mg/dL}$. | | | |
| Units: mL/min arithmetic mean standard deviation | - | | |
| Hepatitis s-Antigen (HBsAg) Units: log ₁₀ IU/mL arithmetic mean standard deviation | - | | |
| FibroTest® Score | | | |
| The FibroTest® score is used to assess liver fibrosis. Scores range from 0.00 to 1.00, with higher scores indicating a greater degree of fibrosis. | | | |
| Units: units on a scale arithmetic mean standard deviation | - | | |

End points

End points reporting groups

| | |
|---|--|
| Reporting group title | Part A (Renal Impairment): Moderate or Severe Renal Impairment |
| Reporting group description: Participants with chronic hepatitis B (CHB) and moderate or severe renal impairment who were virologically suppressed and took tenofovir disoproxil fumarate (TDF), a TDF-containing anti-hepatitis B virus (HBV) regimen, or other oral antivirals (OAVs), switched to tenofovir alafenamide (TAF) and received TAF 25 mg tablet once daily orally for 96 weeks. | |
| Reporting group title | Part A (Renal Impairment): End Stage Renal Disease |
| Reporting group description: Participants with CHB and end stage renal disease who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks. | |
| Reporting group title | Part B: Hepatic Impairment |
| Reporting group description: Participants with CHB and moderate or severe hepatic impairment who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks. | |

Primary: Percentage of Participants Achieving Virologic Response (Plasma Hepatitis B Virus [HBV] Deoxyribonucleic Acid [DNA] < 20 IU/mL) at Week 24

| | |
|---|---|
| End point title | Percentage of Participants Achieving Virologic Response (Plasma Hepatitis B Virus [HBV] Deoxyribonucleic Acid [DNA] < 20 IU/mL) at Week 24 ^[1] |
| End point description: The percentage of participants with HBV DNA < 20 IU/mL at Week 24 was determined by the Missing = Failure (M = F) approach. The Full Analysis Set included all participants who were enrolled and received at least 1 dose of study drug. | |
| End point type | Primary |
| End point timeframe: Week 24 | |

Notes:

[1] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: No statistical comparison was planned or performed since this is a single treatment design.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 97.4 | 100.0 | 100.0 | |

Statistical analyses

No statistical analyses for this end point

Primary: Percentage of Participants Who Experienced Graded Treatment-Emergent Adverse Events (AEs) at Week 24

| | |
|-----------------|---|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent Adverse Events (AEs) at Week 24 ^[2] |
|-----------------|---|

End point description:

Treatment-emergent AEs were defined as:

- Any AEs with an onset date on or after the study drug start date and no later than the study drug stop date + 3 days after permanent discontinuation of study drug;
- Any AEs with onset date on or after the study drug start date for those who have not permanently discontinued study drug;
- Any AEs leading to premature discontinuation of study drug.

The most severe graded AE from all tests was counted for each participant.

The Safety Analysis Set included all participants who were enrolled and received at least 1 dose of study drug.

| | |
|----------------|---------|
| End point type | Primary |
|----------------|---------|

End point timeframe:

Week 24

Notes:

[2] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: No statistical comparison was planned or performed.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Any treatment-emergent AEs | 53.8 | 73.3 | 54.8 | |
| Grade 3 and above treatment-emergent AEs | 6.4 | 13.3 | 6.5 | |

Statistical analyses

No statistical analyses for this end point

Primary: Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 24

| | |
|-----------------|---|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 24 ^[3] |
|-----------------|---|

End point description:

Graded treatment-emergent laboratory abnormalities were defined as values that increased at least 1 toxicity grade from baseline at any postbaseline visit, up to and including the date of last dose of study drug + 3 days for participants who permanently discontinued study drug or the last available date in the database snapshot for participants who were on treatment at the time of the analysis.

The most severe graded abnormality from all tests was counted for each participant.

Participants in the Safety Analysis Set were analyzed.

| | |
|----------------|---------|
| End point type | Primary |
|----------------|---------|

End point timeframe:

Week 24

Notes:

[3] - No statistical analyses have been specified for this primary end point. It is expected there is at least one statistical analysis for each primary end point.

Justification: No statistical comparison was planned or performed.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Any Graded Laboratory Abnormality | 96.2 | 100.0 | 90.3 | |
| Grade 3 and Above Laboratory Abnormality | 11.5 | 46.7 | 48.4 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Who Experienced Graded Treatment-Emergent AEs at Week 48

| | |
|-----------------|---|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent AEs at Week 48 |
|-----------------|---|

End point description:

Treatment-emergent AEs were defined as: Any AEs with an onset date on or after the study drug start date and no later than the study drug stop date + 3 days after permanent discontinuation of study drug; Any AEs with onset date on or after the study drug start date for those who have not permanently discontinued study drug; Any AEs leading to premature discontinuation of study drug. The most severe graded AE from all tests was counted for each participant. Participants in the Safety Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Any Treatment-emergent AE | 71.8 | 86.7 | 71.0 | |
| Grade 3 and Above Treatment-emergent AEs | 15.4 | 20.0 | 12.9 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Who Experienced Graded Treatment-Emergent AEs at Week 96

| | |
|-----------------|---|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent AEs at Week 96 |
|-----------------|---|

End point description:

Treatment-emergent AEs were defined as: Any AEs with an onset date on or after the study drug start date and no later than the study drug stop date + 3 days after permanent discontinuation of study drug; Any AEs with onset date on or after the study drug start date for those who have not permanently discontinued study drug; Any AEs leading to premature discontinuation of study drug. The most severe graded AE from all tests was counted for each participant. Participants in the Safety Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 96

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Any Treatment-emergent AEs | 74.4 | 100.0 | 77.4 | |
| Grade 3 and Above Treatment-emergent AEs | 17.9 | 26.7 | 25.8 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 48

| | |
|-----------------|--|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 48 |
|-----------------|--|

End point description:

Graded treatment-emergent laboratory abnormalities were defined as values that increased at least 1 toxicity grade from baseline at any postbaseline visit, up to and including the date of last dose of study drug + 3 days for participants who permanently discontinued study drug or the last available date in the

database snapshot for participants who were on treatment at the time of the analysis.
The most severe graded abnormality from all tests was counted for each participant.
Participants in the Safety Analysis Set were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Any Graded Laboratory Abnormality | 96.2 | 100.0 | 90.3 | |
| Grade 3 | 12.8 | 40.0 | 41.9 | |
| Grade 4 | 0 | 26.7 | 9.7 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 96

| | |
|-----------------|--|
| End point title | Percentage of Participants Who Experienced Graded Treatment-Emergent Laboratory Abnormalities at Week 96 |
|-----------------|--|

End point description:

Graded treatment-emergent laboratory abnormalities were defined as values that increased at least 1 toxicity grade from baseline at any post-baseline visit, up to and including the date of last dose of study drug + 3 days for participants who permanently discontinued study drug or the last available date in the database snapshot for participants who were on treatment at the time of the analysis. The most severe graded abnormality from all tests was counted for each participant. Participants in the Safety Analysis Set were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |

| | | | | |
|-----------------------------------|------|-------|-------|--|
| number (not applicable) | | | | |
| Any Graded Laboratory Abnormality | 96.2 | 100.0 | 100.0 | |
| Grade 3 | 15.4 | 46.7 | 41.9 | |
| Grade 4 | 1.3 | 26.7 | 12.9 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in Estimated Glomerular Filtration Rate by the Cockcroft-Gault Formula (eGFRcg) in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired Participants at Week 24

| | |
|-----------------|---|
| End point title | Change From Baseline in Estimated Glomerular Filtration Rate by the Cockcroft-Gault Formula (eGFRcg) in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired Participants at Week 24 ^[4] |
|-----------------|---|

End point description:

GFR is a measure of the rate at which blood is filtered by the kidney. Cockcroft-Gault is an equation (calculation) used to estimate GFR based on serum creatinine, weight, and gender. $eGFR_{cg} = (140 - \text{age in years}) \times (\text{body weight in kg}) \times (0.85 \text{ if female}) \text{ divided by } 72 \times \text{serum creatinine in mg/dL}$. Moderate renal impairment = $30 \text{ mL/min} \leq eGFR_{CG} \leq 59 \text{ mL/min}$ Severe renal impairment = $15 \text{ mL/min} \leq eGFR_{CG} < 30 \text{ mL/min}$ Change from baseline was calculated as the value at Week 24 minus the value at Baseline.

Participants in the Safety Analysis Set with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 24

Notes:

[4] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: This endpoint was analyzed only for participants with moderate or severe renal impairment and hepatic impairment. Only descriptive analysis was planned.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part B: Hepatic Impairment | | |
|---------------------------------------|--|----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 77 | 31 | | |
| Units: mL/min | | | | |
| median (inter-quartile range (Q1-Q3)) | -0.4 (-3.9 to 4.5) | 1.9 (-5.6 to 12.2) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in eGFRcg in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired Participants at Week 48

| | |
|-----------------|--|
| End point title | Change From Baseline in eGFRcg in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired |
|-----------------|--|

End point description:

GFR is a measure of the rate at which blood is filtered by the kidney. Cockcroft-Gault is an equation (calculation) used to estimate GFR based on serum creatinine, weight, and gender. $eGFR_{cg} = (140 - \text{age in years}) \times (\text{body weight in kg}) \times (0.85 \text{ if female}) \text{ divided by } 72 \times \text{serum creatinine in mg/dL}$. Moderate renal impairment = $30 \text{ mL/min} \leq eGFR_{CG} \leq 59 \text{ mL/min}$ Severe renal impairment = $15 \text{ mL/min} \leq eGFR_{CG} < 30 \text{ mL/min}$ Change from baseline was calculated as the value at Week 48 minus the value at Baseline.

Participants in the Safety Analysis Set with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 48

Notes:

[5] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: This endpoint was analyzed only for participants with moderate or severe renal impairment and hepatic impairment. Only descriptive analysis was planned.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part B: Hepatic Impairment | | |
|---------------------------------------|--|----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 73 | 31 | | |
| Units: mL/min | | | | |
| median (inter-quartile range (Q1-Q3)) | -0.5 (-4.1 to 3.0) | 1.2 (-13.5 to 6.5) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in eGFR_{cg} in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired Participants at Week 96

| | |
|-----------------|---|
| End point title | Change From Baseline in eGFR _{cg} in Participants With Moderate or Severe Renal Impairment and Hepatically Impaired Participants at Week 96 ^[6] |
|-----------------|---|

End point description:

GFR is a measure of the rate at which blood is filtered by the kidney. Cockcroft-Gault is an equation (calculation) used to estimate GFR based on serum creatinine, weight, and gender. $eGFR_{cg} = (140 - \text{age in years}) \times (\text{body weight in kg}) \times (0.85 \text{ if female}) \text{ divided by } 72 \times \text{serum creatinine in mg/dL}$. Moderate renal impairment = $30 \text{ mL/min} \leq eGFR_{CG} \leq 59 \text{ mL/min}$ Severe renal impairment = $15 \text{ mL/min} \leq eGFR_{CG} < 30 \text{ mL/min}$ Change from baseline was calculated as the value at Week 96 minus the value at Baseline.

Participants in the Safety Analysis Set with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 96

Notes:

[6] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period. Justification: This endpoint was analyzed only for participants with moderate or severe renal impairment and hepatic impairment. Only descriptive analysis was planned.

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part B: Hepatic Impairment | | |
|---------------------------------------|--|----------------------------|--|--|
| Subject group type | Reporting group | Reporting group | | |
| Number of subjects analysed | 66 | 25 | | |
| Units: mL/min | | | | |
| median (inter-quartile range (Q1-Q3)) | 1.0 (-2.8 to 4.5) | -2.4 (-11.4 to 10.7) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Hip Bone Mineral Density (BMD) at Week 24

| | |
|---|---|
| End point title | Percent Change From Baseline in Hip Bone Mineral Density (BMD) at Week 24 |
| End point description: Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in the Hip Dual-Energy X-Ray Absorptiometry (DXA) Analysis Set (all participants who were enrolled and received at least 1 dose of study drug and had non-missing baseline hip BMD values) with available data were analyzed. | |
| End point type | Secondary |
| End point timeframe: Baseline, Week 24 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 74 | 15 | 31 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 0.135 (± 1.8348) | 0.322 (± 2.1835) | 0.322 (± 2.5105) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Hip BMD at Week 48

| | |
|--|--|
| End point title | Percent Change From Baseline in Hip BMD at Week 48 |
| End point description: Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in Hip DXA Analysis Set with available data were analyzed. | |

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Baseline, Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 72 | 14 | 31 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 0.565 (± 2.6160) | -1.075 (± 3.6355) | -0.221 (± 3.0158) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Hip BMD at Week 96

| | |
|--|--|
| End point title | Percent Change From Baseline in Hip BMD at Week 96 |
| End point description: | |
| Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in Hip DXA Analysis Set with available data were analyzed. | |
| End point type | Secondary |
| End point timeframe: | |
| Baseline, Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 59 | 13 | 24 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 0.425 (± 2.8381) | -0.834 (± 4.7171) | 0.277 (± 3.2549) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Spine BMD at Week 24

| | |
|--|--|
| End point title | Percent Change From Baseline in Spine BMD at Week 24 |
| End point description: Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in the Spine DXA Analysis Set (all participants who were enrolled and received at least 1 dose of study drug and had non-missing baseline spine BMD values) with available data were analyzed. | |
| End point type | Secondary |
| End point timeframe: Baseline, Week 24 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|---|---|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 76 | 15 | 31 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 1.229 (± 3.4252) | 0.683 (± 3.1307) | 1.258 (± 2.3416) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Spine BMD at Week 48

| | |
|--|--|
| End point title | Percent Change From Baseline in Spine BMD at Week 48 |
| End point description: Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in the Spine DXA Analysis Set with available data were analyzed. | |
| End point type | Secondary |
| End point timeframe: Baseline, Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|---|---|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 73 | 14 | 31 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 1.516 (± 3.7486) | 0.016 (± 4.1636) | 0.535 (± 3.4386) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percent Change From Baseline in Spine BMD at Week 96

| | |
|--|--|
| End point title | Percent Change From Baseline in Spine BMD at Week 96 |
| End point description: Percent change = Change from baseline at a postbaseline visit/baseline * 100%. Participants in the Spine DXA Analysis Set with available data were analyzed. | |
| End point type | Secondary |
| End point timeframe: Baseline, Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 61 | 13 | 23 | |
| Units: percent change | | | | |
| arithmetic mean (standard deviation) | 1.293 (± 4.4136) | -0.283 (± 4.5327) | -0.249 (± 3.9127) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Achieving Virologic Response (Plasma HBV DNA < 20 IU/mL) at Week 48

| | |
|--|--|
| End point title | Percentage of Participants Achieving Virologic Response (Plasma HBV DNA < 20 IU/mL) at Week 48 |
| End point description: The percentage of participants with HBV DNA < 20 IU/mL at Week 48 was determined by the Missing = Failure (M = F) approach. Participants in the Full Analysis Set were analyzed. | |
| End point type | Secondary |
| End point timeframe: Weeks 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |

| | | | | |
|-------------------------|------|------|-------|--|
| number (not applicable) | 92.3 | 93.3 | 100.0 | |
|-------------------------|------|------|-------|--|

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants Achieving Virologic Response (Plasma HBV DNA < 20 IU/mL) at Week 96

| | |
|--|--|
| End point title | Percentage of Participants Achieving Virologic Response (Plasma HBV DNA < 20 IU/mL) at Week 96 |
| End point description: The percentage of participants with HBV DNA < 20 IU/mL at Week 48 was determined by the Missing = Failure (M = F) approach. Participants in the Full Analysis Set were analyzed. | |
| End point type | Secondary |
| End point timeframe: Weeks 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 83.3 | 86.7 | 77.4 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ Lower Limit of Detection [LLOD]) at Week 24

| | |
|--|--|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ Lower Limit of Detection [LLOD]) at Week 24 |
| End point description: The percentage of participants with HBV DNA < 20 IU/mL and target detected (≥ LLOD; i.e. 10 IU/mL) at Week 24 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed. | |
| End point type | Secondary |
| End point timeframe: Week 24 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 21.8 | 40.0 | 22.6 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ LLOD) at Week 48

| | |
|------------------------|--|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ LLOD) at Week 48 |
| End point description: | The percentage of participants with HBV DNA < 20 IU/mL and target detected (≥ LLOD; i.e. 10 IU/mL) at Week 48 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed. |
| End point type | Secondary |
| End point timeframe: | Week 48 |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 26.9 | 26.7 | 25.8 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ LLOD) at Week 96

| | |
|-----------------|---|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Detected (≥ LLOD) at Week 96 |
|-----------------|---|

End point description:

The percentage of participants with HBV DNA < 20 IU/mL and target detected (\geq LLOD; i.e. 10 IU/mL) at Week 96 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 96

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 14.1 | 20.0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 24

| | |
|-----------------|---|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 24 |
|-----------------|---|

End point description:

The percentage of participants with HBV DNA < 20 IU/mL and target not detected (< LLOD; i.e. 10 IU/mL) at Week 24 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 75.6 | 60.0 | 77.4 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 48

| | |
|-----------------|---|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 48 |
|-----------------|---|

End point description:

The percentage of participants with HBV DNA < 20 IU/mL and target not detected (< LLOD; i.e. 10 IU/mL) at Week 48 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Weeks 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 65.4 | 66.7 | 74.2 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 96

| | |
|-----------------|---|
| End point title | Percentage of Participants With Plasma HBV DNA < 20 IU/mL and Target Not Detected (< LLOD) at Week 96 |
|-----------------|---|

End point description:

The percentage of participants with HBV DNA < 20 IU/mL and target not detected (< LLOD; i.e. 10 IU/mL) at Week 96 was determined by the M = F approach. Participants in the Full Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Weeks 96

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |

| | | | | |
|-----------------------------------|------|------|------|--|
| Units: percentage of participants | | | | |
| number (not applicable) | 69.2 | 66.7 | 77.4 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of Hepatitis B s-Antigen (HBsAg) at Week 24

| | |
|-----------------|--|
| End point title | Percentage of Participants With Serological Response: Loss of Hepatitis B s-Antigen (HBsAg) at Week 24 |
|-----------------|--|

End point description:

HBsAg loss was defined as HBsAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBsAg Loss/Seroconversion (all participants who were enrolled and received at least 1 dose of study drug, and with HBsAg positive and HBsAb negative or missing at baseline) with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of HBsAg at Week 48

| | |
|-----------------|--|
| End point title | Percentage of Participants With Serological Response: Loss of HBsAg at Week 48 |
|-----------------|--|

End point description:

HBsAg loss was defined as HBsAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBsAg Loss/Seroconversion with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 30 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 6.7 | 3.3 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of HBsAg at Week 96

| | |
|------------------------|---|
| End point title | Percentage of Participants With Serological Response: Loss of HBsAg at Week 96 |
| End point description: | HBsAg loss was defined as HBsAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBsAg Loss/Seroconversion with available data were analyzed. |
| End point type | Secondary |
| End point timeframe: | Week 96 |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 30 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 6.7 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 24

| | |
|-----------------|---|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 24 |
|-----------------|---|

End point description:

HBsAg seroconversion was defined as HBsAg loss and HBsAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBsAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 30 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 48

| | |
|-----------------|---|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 48 |
|-----------------|---|

End point description:

HBsAg seroconversion was defined as HBsAg loss and HBsAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBsAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 30 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 96

| | |
|-----------------|---|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBs at Week 96 |
|-----------------|---|

End point description:

HBeAg seroconversion was defined as HBeAg loss and HBsAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBeAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 96

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 30 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 24

| | |
|-----------------|---|
| End point title | Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 24 |
|-----------------|---|

End point description:

HBeAg loss was defined as HBeAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. The Serologically Evaluable Full Analysis Set for HBeAg Loss/Seroconversion included all participants who were enrolled and received at least 1 dose of study drug, and with HBeAg positive and HBeAb negative or missing at baseline.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 48

| | |
|---|---|
| End point title | Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 48 |
| End point description: HBeAg loss was defined as HBeAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set were analyzed. | |
| End point type | Secondary |
| End point timeframe: Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 96

| | |
|---|---|
| End point title | Percentage of Participants With Serological Response: Loss of HBeAg in HBeAg-Positive Participants at Week 96 |
| End point description: HBeAg loss was defined as HBeAg changing from positive at baseline to negative at a postbaseline. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set were analyzed. | |

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 33.3 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 24

| | |
|-----------------|--|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 24 |
|-----------------|--|

End point description:

HBeAg seroconversion was defined as HBeAg loss and HBeAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBeAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 48

| | |
|-----------------|--|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 48 |
|-----------------|--|

End point description:

HBeAg seroconversion was defined as HBeAg loss and HBeAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBeAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |
| number (not applicable) | 0 | 0 | 0 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 96

| | |
|-----------------|--|
| End point title | Percentage of Participants With Serological Response: Seroconversion to Anti-HBe in HBeAg-Positive Participants at Week 96 |
|-----------------|--|

End point description:

HBeAg seroconversion was defined as HBeAg loss and HBeAb test changing from negative/missing at baseline to positive at a postbaseline visit. The M = F approach was used for this analysis. Participants in the Serologically Evaluable Full Analysis Set for HBeAg Loss/Seroconversion were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 96

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 13 | 3 | 3 | |
| Units: percentage of participants | | | | |

| | | | | |
|-------------------------|---|------|---|--|
| number (not applicable) | 0 | 33.3 | 0 | |
|-------------------------|---|------|---|--|

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normal Alanine Aminotransferase (ALT) at Week 24 by Central Laboratory and the American Association for the Study of Liver Diseases (AASLD) Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normal Alanine Aminotransferase (ALT) at Week 24 by Central Laboratory and the American Association for the Study of Liver Diseases (AASLD) Criteria |
|-----------------|--|

End point description:

Central laboratory ULN for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| ALT by central laboratory | 92.3 | 93.3 | 83.9 | |
| ALT by AASLD criteria | 87.2 | 93.3 | 80.6 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normal ALT at Week 48 by Central Laboratory and the AASLD Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normal ALT at Week 48 by Central Laboratory and the AASLD Criteria |
|-----------------|--|

End point description:

Central laboratory ULN for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years.

≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| ALT by central laboratory | 89.7 | 86.7 | 90.3 | |
| ALT by AASLD criteria | 87.2 | 80.0 | 80.6 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normal ALT at Week 96 by Central Laboratory and the AASLD Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normal ALT at Week 96 by Central Laboratory and the AASLD Criteria |
|-----------------|--|

End point description:

Central laboratory ULN for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 78 | 15 | 31 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| ALT by central laboratory | 82.1 | 86.7 | 71.0 | |
| ALT by AASLD criteria | 74.4 | 86.7 | 58.1 | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normalized ALT at Week 24 by Central Laboratory and the AASLD Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normalized ALT at Week 24 by Central Laboratory and the AASLD Criteria |
|-----------------|--|

End point description:

ALT normalization was defined as an ALT value that changed from above the normal range at baseline to within the normal range at the given postbaseline visit. Central laboratory ULN for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set with Baseline ALT > ULN were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 5 | 0 ^[7] | 10 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Normalized ALT by Central Laboratory (n=3, 0, 4) | 66.7 | | 50.0 | |
| Normalized ALT by AASLD Criteria (n=5, 0, 10) | 40.0 | | 60.0 | |

Notes:

[7] - Number of participants analyzed were 0.

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normalized ALT at Week 48 by Central Laboratory and the AASLD Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normalized ALT at Week 48 by Central Laboratory and the AASLD Criteria |
|-----------------|--|

End point description:

ALT normalization was defined as an ALT value that changed from above the normal range at baseline to within the normal range at the given postbaseline visit. Central laboratory ULN for ALT were as follows:

≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set with Baseline ALT > ULN were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 48 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 5 | 0 ^[8] | 10 | |
| Units: percentage of participants | | | | |
| number (not applicable) | | | | |
| Normalized ALT by Central Laboratory (n=3, 0, 4) | 33.3 | | 75 | |
| Normalized ALT by AASLD Criteria (n=5, 0, 10) | 60 | | 60 | |

Notes:

[8] - Number of participants analyzed were 0 at a given time point.

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants With Normalized ALT at Week 96 by Central Laboratory and the AASLD Criteria

| | |
|-----------------|--|
| End point title | Percentage of Participants With Normalized ALT at Week 96 by Central Laboratory and the AASLD Criteria |
|-----------------|--|

End point description:

ALT normalization was defined as an ALT value that changed from above the normal range at baseline to within the normal range at the given postbaseline visit. Central laboratory ULN for ALT were as follows: ≤ 43 U/L for males aged 18 to < 69 years and ≤ 35 U/L for males aged ≥ 69 years; ≤ 34 U/L for females aged 18 to < 69 years and ≤ 32 U/L for females aged ≥ 69 years. The ULN for ALT using the 2018 AASLD normal range was 25 U/L for females and 35 U/L for males. The M = F approach was used for this analysis. Participants in the Full Analysis Set with Baseline ALT > ULN were analyzed.

| | |
|----------------------|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Week 96 | |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|-----------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 5 | 0 ^[9] | 10 | |
| Units: percentage of participants | | | | |

| | | | | |
|--|------|--|----|--|
| number (not applicable) | | | | |
| Normalized ALT by Central Laboratory (n=3, 0, 4) | 33.3 | | 50 | |
| Normalized ALT by AASLD Criteria (n=5, 0, 10) | 20 | | 50 | |

Notes:

[9] - Number of participants analyzed were 0 at given time point.

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in FibroTest® Score at Week 24

| | |
|-----------------|---|
| End point title | Change From Baseline in FibroTest® Score at Week 24 |
|-----------------|---|

End point description:

The FibroTest® score is used to assess liver fibrosis. Scores range from 0.00 to 1.00, with higher scores indicating a greater degree of fibrosis. Change from baseline was calculated as the value at Week 24 minus the value at Baseline. Participants in the Full Analysis Set with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 24

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 74 | 15 | 31 | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.01 (± 0.099) | -0.01 (± 0.064) | -0.05 (± 0.106) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in FibroTest® Score at Week 48

| | |
|-----------------|---|
| End point title | Change From Baseline in FibroTest® Score at Week 48 |
|-----------------|---|

End point description:

The FibroTest® score is used to assess liver fibrosis. Scores range from 0.00 to 1.00, with higher scores indicating a greater degree of fibrosis. Change from baseline was calculated as the value at Week 48 minus the value at Baseline. Participants in the Full Analysis Set with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 48

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 73 | 14 | 31 | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.03 (± 0.102) | -0.01 (± 0.071) | -0.03 (± 0.102) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in FibroTest® Score at Week 96

| | |
|------------------------|--|
| End point title | Change From Baseline in FibroTest® Score at Week 96 |
| End point description: | The FibroTest® score is used to assess liver fibrosis. Scores range from 0.00 to 1.00, with higher scores indicating a greater degree of fibrosis. Change from baseline was calculated as the value at Week 96 minus the value at Baseline. Participants in the Full Analysis Set with available data were analyzed. |
| End point type | Secondary |
| End point timeframe: | Week 96 |

| End point values | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment | |
|--------------------------------------|--|--|----------------------------|--|
| Subject group type | Reporting group | Reporting group | Reporting group | |
| Number of subjects analysed | 65 | 13 | 26 | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.01 (± 0.114) | 0.03 (± 0.107) | -0.02 (± 0.118) | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in Child-Pugh-Turcotte (CPT) Score in Hepatically Impaired Participants at Week 24

| | |
|-----------------|---|
| End point title | Change From Baseline in Child-Pugh-Turcotte (CPT) Score in Hepatically Impaired Participants at Week 24 ^[10] |
|-----------------|---|

End point description:

CPT scores grade the severity of cirrhosis and are used to determine the need for liver transplantation. Scores can range from 5 to 15, with higher scores indicating a greater severity of disease. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 24

Notes:

[10] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 31 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | 0 (\pm 1.1) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in CPT Score in Hepatically Impaired Participants at Week 48

| | |
|-----------------|---|
| End point title | Change From Baseline in CPT Score in Hepatically Impaired Participants at Week 48 ^[11] |
|-----------------|---|

End point description:

CPT scores grade the severity of cirrhosis and are used to determine the need for liver transplantation. Scores can range from 5 to 15, with higher scores indicating a greater severity of disease. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 48

Notes:

[11] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 31 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | 0 (\pm 1.1) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in CPT Score in Hepatically Impaired Participants at Week 96

| | |
|-----------------|---|
| End point title | Change From Baseline in CPT Score in Hepatically Impaired Participants at Week 96 ^[12] |
|-----------------|---|

End point description:

CPT scores grade the severity of cirrhosis and are used to determine the need for liver transplantation. Scores can range from 5 to 15, with higher scores indicating a greater severity of disease. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 96

Notes:

[12] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 25 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | 0 (\pm 1.2) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in Model for End-Stage Liver Disease (MELD) Score in Hepatically Impaired Participants at Week 24

| | |
|-----------------|--|
| End point title | Change From Baseline in Model for End-Stage Liver Disease (MELD) Score in Hepatically Impaired Participants at Week 24 ^[13] |
|-----------------|--|

End point description:

MELD scores are used to assess prognosis and suitability for liver transplantation. Scores can range from 6 to 40, with higher scores indicating greater disease severity. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 24

Notes:

[13] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 31 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -0.6 (\pm 1.94) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in MELD Score in Hepatically Impaired Participants at Week 48

| | |
|-----------------|--|
| End point title | Change From Baseline in MELD Score in Hepatically Impaired Participants at Week 48 ^[14] |
|-----------------|--|

End point description:

MELD scores are used to assess prognosis and suitability for liver transplantation. Scores can range from 6 to 40, with higher scores indicating greater disease severity. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 48

Notes:

[14] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 30 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | 0.1 (\pm 2.35) | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Change From Baseline in MELD Score in Hepatically Impaired Participants at Week 96

| | |
|-----------------|--|
| End point title | Change From Baseline in MELD Score in Hepatically Impaired Participants at Week 96 ^[15] |
|-----------------|--|

End point description:

MELD scores are used to assess prognosis and suitability for liver transplantation. Scores can range from 6 to 40, with higher scores indicating greater disease severity. Participants in the Full Analysis Set only from Part B (Hepatic Impairment) with available data were analyzed.

| | |
|----------------|-----------|
| End point type | Secondary |
|----------------|-----------|

End point timeframe:

Baseline, Week 96

Notes:

[15] - The end point is not reporting statistics for all the arms in the baseline period. It is expected all the baseline period arms will be reported on when providing values for an end point on the baseline period.

Justification: This endpoint was analyzed only for participants with hepatic impairment. Only descriptive analysis was planned.

| | | | | |
|--------------------------------------|----------------------------|--|--|--|
| End point values | Part B: Hepatic Impairment | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 25 | | | |
| Units: units on a scale | | | | |
| arithmetic mean (standard deviation) | -1.0 (\pm 1.61) | | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Adverse Events: From the first dose date up to last dose date (maximum: 108 .1 weeks) plus 3 days;

All-Cause Mortality: Enrollment up to last dose date (maximum: 166.2 weeks) plus 3 days

Adverse event reporting additional description:

Adverse Events: The Safety Analysis Set included all participants who were enrolled and received at least 1 dose of study drug.

All-Cause Mortality: The Full Analysis Set included all participants who were enrolled and received at least one dose of study drug.

| | |
|-----------------|------------|
| Assessment type | Systematic |
|-----------------|------------|

Dictionary used

| | |
|-----------------|--------|
| Dictionary name | MedDRA |
|-----------------|--------|

| | |
|--------------------|----|
| Dictionary version | 23 |
|--------------------|----|

Reporting groups

| | |
|-----------------------|--|
| Reporting group title | Part A (Renal Impairment): Moderate or Severe Renal Impairment |
|-----------------------|--|

Reporting group description:

Participants with chronic hepatitis B (CHB) and moderate or severe renal impairment who were virologically suppressed and took tenofovir disoproxil fumarate (TDF), a TDF-containing anti-hepatitis B virus (HBV) regimen, or other oral antivirals (OAVs), switched to tenofovir alafenamide (TAF) and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|-----------------------|--|
| Reporting group title | Part A (Renal Impairment): End Stage Renal Disease |
|-----------------------|--|

Reporting group description:

Participants with CHB and end stage renal disease who were virologically suppressed and took TDF, a TDF containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| | |
|-----------------------|----------------------------|
| Reporting group title | Part B: Hepatic Impairment |
|-----------------------|----------------------------|

Reporting group description:

Participants with CHB and moderate or severe hepatic impairment who were virologically suppressed and took TDF, a TDF-containing anti-HBV regimen, or OAVs, switched to TAF and received TAF 25 mg tablet once daily orally for 96 weeks.

| Serious adverse events | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment |
|---|--|--|----------------------------|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 12 / 78 (15.38%) | 8 / 15 (53.33%) | 10 / 31 (32.26%) |
| number of deaths (all causes) | 2 | 1 | 2 |
| number of deaths resulting from adverse events | 0 | 1 | 2 |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |
| Hepatocellular carcinoma | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|--|----------------|-----------------|----------------|
| Bladder cancer | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Lung neoplasm malignant | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ovarian cancer | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Rectal cancer | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| General disorders and administration site conditions | | | |
| Catheter site discharge | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Respiratory, thoracic and mediastinal disorders | | | |
| Pleural effusion | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 2 / 15 (13.33%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Pneumonia aspiration | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Bronchospasm | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Dyspnoea | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Haemothorax | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 2 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| Respiratory failure | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Investigations | | | |
| Carcinoembryonic antigen increased | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Model for end stage liver disease score ~ increased | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Injury, poisoning and procedural complications | | | |
| Arteriovenous fistula site complication | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 3 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Arteriovenous fistula thrombosis | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Drain site complication | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Head injury | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Shunt occlusion | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Subdural haematoma | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Cardiac disorders | | | |
| Atrial flutter | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Atrioventricular block complete | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Nervous system disorders | | | |
| Ischaemic stroke | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatic encephalopathy | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 2 / 31 (6.45%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 3 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Subarachnoid haemorrhage | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Encephalopathy | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Blood and lymphatic system disorders | | | |
| Anaemia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 20 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Thrombocytopenia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| Ear and labyrinth disorders | | | |
| Deafness neurosensory | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Eye disorders | | | |
| Cataract | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gastrointestinal disorders | | | |
| Abdominal pain | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Ascites | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Colitis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Duodenal ulcer haemorrhage | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Gingival bleeding | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Intestinal obstruction | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Upper gastrointestinal haemorrhage | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatobiliary disorders | | | |
| Bile duct stone | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 2 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatic failure | | | |

| | | | |
|---|----------------|----------------|----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Hepatorenal syndrome | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| Endocrine disorders | | | |
| Adrenal mass | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Musculoskeletal and connective tissue disorders | | | |
| Back pain | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Focal myositis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Infections and infestations | | | |
| Pneumonia | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 2 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Sepsis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| Bacteraemia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

| | | | |
|---|----------------|----------------|----------------|
| Fungal cystitis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Lower respiratory tract infection | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Lower respiratory tract infection viral | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 1 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Peritonitis bacterial | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Urinary tract infection | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 1 / 31 (3.23%) |
| occurrences causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 1 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |
| Metabolism and nutrition disorders | | | |
| Hyperkalaemia | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences causally related to treatment / all | 0 / 1 | 0 / 0 | 0 / 0 |
| deaths causally related to treatment / all | 0 / 0 | 0 / 0 | 0 / 0 |

Frequency threshold for reporting non-serious adverse events: 5 %

| Non-serious adverse events | Part A (Renal Impairment): Moderate or Severe Renal Impairment | Part A (Renal Impairment): End Stage Renal Disease | Part B: Hepatic Impairment |
|---|--|--|----------------------------|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 34 / 78 (43.59%) | 15 / 15 (100.00%) | 23 / 31 (74.19%) |
| Neoplasms benign, malignant and unspecified (incl cysts and polyps) | | | |

| | | | |
|--|---------------------|----------------------|----------------------|
| Hepatocellular carcinoma subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Ovarian cancer stage I subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Vascular disorders | | | |
| Hypertension subjects affected / exposed occurrences (all) | 2 / 78 (2.56%) 2 | 4 / 15 (26.67%) 4 | 1 / 31 (3.23%) 1 |
| Hypotension subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 2 / 15 (13.33%) 2 | 0 / 31 (0.00%) 0 |
| Thrombosis subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Venous occlusion subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| General disorders and administration site conditions | | | |
| Pyrexia subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 3 / 15 (20.00%) 4 | 5 / 31 (16.13%) 6 |
| Oedema peripheral subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 2 / 31 (6.45%) 2 |
| Fatigue subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 0 / 15 (0.00%) 0 | 2 / 31 (6.45%) 2 |
| Chest discomfort subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Pain subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Respiratory, thoracic and mediastinal disorders | | | |

| | | | |
|-----------------------------|----------------|-----------------|-----------------|
| Cough | | | |
| subjects affected / exposed | 4 / 78 (5.13%) | 0 / 15 (0.00%) | 6 / 31 (19.35%) |
| occurrences (all) | 4 | 0 | 6 |
| Pleural effusion | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 3 / 15 (20.00%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 4 | 2 |
| Oropharyngeal pain | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 3 / 31 (9.68%) |
| occurrences (all) | 1 | 0 | 3 |
| Dyspnoea | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 2 / 15 (13.33%) | 0 / 31 (0.00%) |
| occurrences (all) | 1 | 2 | 0 |
| Productive cough | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 2 / 15 (13.33%) | 1 / 31 (3.23%) |
| occurrences (all) | 0 | 4 | 1 |
| Rhinorrhoea | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 2 / 15 (13.33%) | 0 / 31 (0.00%) |
| occurrences (all) | 1 | 4 | 0 |
| Haemoptysis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences (all) | 0 | 1 | 1 |
| Nasal congestion | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Nasal obstruction | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Pulmonary oedema | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Psychiatric disorders | | | |
| Insomnia | | | |
| subjects affected / exposed | 4 / 78 (5.13%) | 1 / 15 (6.67%) | 2 / 31 (6.45%) |
| occurrences (all) | 4 | 1 | 2 |
| Investigations | | | |

| | | | |
|---|---------------------|---------------------|----------------------|
| Bone density decreased subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 0 / 15 (0.00%) 0 | 5 / 31 (16.13%) 5 |
| Blood creatinine increased subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 0 / 15 (0.00%) 0 | 2 / 31 (6.45%) 2 |
| Blood bilirubin increased subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 0 / 15 (0.00%) 0 | 2 / 31 (6.45%) 2 |
| Injury, poisoning and procedural complications | | | |
| Ligament sprain subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Arteriovenous fistula site complication subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Incision site pain subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Limb injury subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Procedural pain subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Shunt occlusion subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Vascular pseudoaneurysm subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Nervous system disorders | | | |
| Dizziness subjects affected / exposed occurrences (all) | 3 / 78 (3.85%) 3 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Headache | | | |

| | | | |
|--------------------------------------|----------------|-----------------|----------------|
| subjects affected / exposed | 2 / 78 (2.56%) | 0 / 15 (0.00%) | 2 / 31 (6.45%) |
| occurrences (all) | 2 | 0 | 2 |
| Cognitive disorder | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Amnesia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Carotid arteriosclerosis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Cerebral atrophy | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Cerebrovascular accident | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Dementia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Dyskinesia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Hydrocephalus | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Vascular encephalopathy | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Blood and lymphatic system disorders | | | |
| Anaemia | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 3 / 15 (20.00%) | 1 / 31 (3.23%) |
| occurrences (all) | 2 | 3 | 1 |
| Thrombocytopenia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences (all) | 0 | 1 | 1 |

| | | | |
|--|---------------------|---------------------|---------------------|
| Blood loss anaemia subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Coagulopathy subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Thrombotic thrombocytopenic purpura subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Ear and labyrinth disorders Vertigo subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Deafness neurosensory subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Ear haemorrhage subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Ear pain subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Eye disorders Cataract subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 1 / 31 (3.23%) 1 |
| Conjunctival haemorrhage subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 1 / 31 (3.23%) 1 |
| Cataract nuclear subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Iridocyclitis subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Gastrointestinal disorders | | | |

| | | | |
|---------------------------------|----------------|-----------------|-----------------|
| Diarrhoea | | | |
| subjects affected / exposed | 3 / 78 (3.85%) | 3 / 15 (20.00%) | 6 / 31 (19.35%) |
| occurrences (all) | 3 | 4 | 7 |
| Constipation | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 4 / 15 (26.67%) | 3 / 31 (9.68%) |
| occurrences (all) | 2 | 4 | 4 |
| Ascites | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 2 / 15 (13.33%) | 4 / 31 (12.90%) |
| occurrences (all) | 0 | 2 | 5 |
| Abdominal pain | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 1 / 15 (6.67%) | 2 / 31 (6.45%) |
| occurrences (all) | 2 | 1 | 2 |
| Toothache | | | |
| subjects affected / exposed | 3 / 78 (3.85%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 3 | 2 | 0 |
| Dental caries | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 1 | 2 |
| Haemorrhoids | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 2 | 1 | 0 |
| Nausea | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences (all) | 1 | 1 | 1 |
| Vomiting | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 1 | 2 |
| Abdominal pain lower | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 1 | 1 | 0 |
| Flatulence | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 0 | 2 |
| Portal hypertensive gastropathy | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 0 / 15 (0.00%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 0 | 2 |

| | | | |
|--|---------------------|----------------------|---------------------|
| Mouth ulceration subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Peptic ulcer subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Stomatitis subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Hepatobiliary disorders Jaundice subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Skin and subcutaneous tissue disorders Pruritus subjects affected / exposed occurrences (all) | 3 / 78 (3.85%) 3 | 2 / 15 (13.33%) 3 | 1 / 31 (3.23%) 1 |
| Dermatitis subjects affected / exposed occurrences (all) | 1 / 78 (1.28%) 1 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Skin lesion subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Renal and urinary disorders Haematuria subjects affected / exposed occurrences (all) | 3 / 78 (3.85%) 3 | 1 / 15 (6.67%) 1 | 1 / 31 (3.23%) 1 |
| Chronic kidney disease subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 0 / 15 (0.00%) 0 | 2 / 31 (6.45%) 2 |
| Renal mass subjects affected / exposed occurrences (all) | 0 / 78 (0.00%) 0 | 1 / 15 (6.67%) 1 | 0 / 31 (0.00%) 0 |
| Musculoskeletal and connective tissue disorders Arthralgia | | | |

| | | | |
|-----------------------------------|------------------|-----------------|-----------------|
| subjects affected / exposed | 0 / 78 (0.00%) | 2 / 15 (13.33%) | 3 / 31 (9.68%) |
| occurrences (all) | 0 | 3 | 3 |
| Musculoskeletal pain | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 3 / 15 (20.00%) | 1 / 31 (3.23%) |
| occurrences (all) | 1 | 6 | 1 |
| Back pain | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 2 | 1 | 0 |
| Bone loss | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Groin pain | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Infections and infestations | | | |
| Upper respiratory tract infection | | | |
| subjects affected / exposed | 11 / 78 (14.10%) | 3 / 15 (20.00%) | 6 / 31 (19.35%) |
| occurrences (all) | 25 | 8 | 22 |
| Nasopharyngitis | | | |
| subjects affected / exposed | 6 / 78 (7.69%) | 0 / 15 (0.00%) | 0 / 31 (0.00%) |
| occurrences (all) | 14 | 0 | 0 |
| Pneumonia | | | |
| subjects affected / exposed | 2 / 78 (2.56%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences (all) | 2 | 1 | 1 |
| Urinary tract infection | | | |
| subjects affected / exposed | 3 / 78 (3.85%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 3 | 1 | 0 |
| Conjunctivitis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 2 / 31 (6.45%) |
| occurrences (all) | 0 | 1 | 2 |
| Cellulitis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Endophthalmitis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

| | | | |
|------------------------------------|----------------|-----------------|----------------|
| Hordeolum | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Skin infection | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Metabolism and nutrition disorders | | | |
| Hyperkalaemia | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 2 / 15 (13.33%) | 0 / 31 (0.00%) |
| occurrences (all) | 1 | 2 | 0 |
| Hyperlipidaemia | | | |
| subjects affected / exposed | 1 / 78 (1.28%) | 0 / 15 (0.00%) | 2 / 31 (6.45%) |
| occurrences (all) | 1 | 0 | 2 |
| Hypokalaemia | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 1 / 31 (3.23%) |
| occurrences (all) | 0 | 1 | 1 |
| Metabolic acidosis | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |
| Vitamin B12 deficiency | | | |
| subjects affected / exposed | 0 / 78 (0.00%) | 1 / 15 (6.67%) | 0 / 31 (0.00%) |
| occurrences (all) | 0 | 1 | 0 |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? Yes

| Date | Amendment |
|-------------|---|
| 23 May 2017 | 1. Clarified that imaging for HCC must have been performed within 6 months of screening. 2. Total bilirubin > 2.5 × ULN was included as a biochemical abnormality. 3. Clarified that for subjects who had sequence analysis for HBV resistance mutations, phenotypic analysis would also be performed. 4. Clarified that for subjects receiving hemodialysis, study drug would not be administered until after any postdialysis samples had been collected. 5. Clarified in-clinic dosing requirements at Weeks 4, 8, and 12. |

Notes:

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

None reported