



Clinical trial results:

A Phase II Open-Label, Single-arm Clinical Trial to Study the Safety, Efficacy and Pharmacokinetics of MK-3009 (Daptomycin) in Japanese Pediatric Participants Aged 1 to 17 Years with Complicated Skin and Soft Tissue Infections or Bacteremia caused by Gram-positive cocci

Summary

| | |
|--------------------------|----------------|
| EudraCT number | 2020-001576-15 |
| Trial protocol | Outside EU/EEA |
| Global end of trial date | 13 July 2020 |

Results information

| | |
|--------------------------------|------------------|
| Result version number | v1 |
| This version publication date | 25 December 2020 |
| First version publication date | 25 December 2020 |

Trial information

Trial identification

| | |
|-----------------------|-------------|
| Sponsor protocol code | MK-3009-029 |
|-----------------------|-------------|

Additional study identifiers

| | |
|------------------------------------|-------------------|
| ISRCTN number | - |
| ClinicalTrials.gov id (NCT number) | NCT03643952 |
| WHO universal trial number (UTN) | - |
| Other trial identifiers | Japic-CTI: 184155 |

Notes:

Sponsors

| | |
|------------------------------|--|
| Sponsor organisation name | Merck Sharp & Dohme Corp. |
| Sponsor organisation address | 2000 Galloping Hill Road, Kenilworth, NJ, United States, 07033 |
| Public contact | Clinical Trials Disclosure, Merck Sharp & Dohme Corp., ClinicalTrialsDisclosure@merck.com |
| Scientific contact | Clinical Trials Disclosure, Merck Sharp & Dohme Corp., ClinicalTrialsDisclosure@merck.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? | Yes |

Notes:

Results analysis stage

| | |
|--|---------------|
| Analysis stage | Final |
| Date of interim/final analysis | 13 July 2020 |
| Is this the analysis of the primary completion data? | Yes |
| Primary completion date | 07 April 2020 |
| Global end of trial reached? | Yes |
| Global end of trial date | 13 July 2020 |
| Was the trial ended prematurely? | Yes |

Notes:

General information about the trial

Main objective of the trial:

The purpose of this study is to assess the safety, efficacy and pharmacokinetic (PK) parameters of daptomycin for injection in Japanese pediatric participants aged 1 to 17 years with complicated skin and soft tissue infection (cSSTI) or bacteremia caused by Gram-positive cocci.

Protection of trial subjects:

This study was conducted in conformance with Good Clinical Practice standards and applicable country and/or local statutes and regulations regarding ethical committee review, informed consent, and the protection of human subjects participating in biomedical research.

Background therapy: -

Evidence for comparator: -

| | |
|---|------------------|
| Actual start date of recruitment | 06 December 2018 |
| Long term follow-up planned | No |
| Independent data monitoring committee (IDMC) involvement? | No |

Notes:

Population of trial subjects

Subjects enrolled per country

| | |
|--------------------------------------|-----------|
| Country: Number of subjects enrolled | Japan: 18 |
| Worldwide total number of subjects | 18 |
| EEA total number of subjects | 0 |

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) | 5 |
| Children (2-11 years) | 9 |
| Adolescents (12-17 years) | 4 |
| Adults (18-64 years) | 0 |
| From 65 to 84 years | 0 |
| 85 years and over | 0 |

Subject disposition

Recruitment

Recruitment details: -

Pre-assignment

Screening details:

This trial enrolled participants requiring treatment for cSSTI or bacteremia caused by Gram-positive cocci. Additional inclusion criteria applied.

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

| | |
|------------------|--|
| Arm title | Daptomycin-cSSTI or Bacteremia: Age 1-17 |
|------------------|--|

Arm description:

Participants aged 1 to 17 years old with cSSTI or bacteremia received daptomycin intravenously every 24 hours (q24 hours) for either 5-14 days for cSSTI or for 5-42 days for bacteremia

| | |
|--|----------------------------------|
| Arm type | Experimental |
| Investigational medicinal product name | Daptomycin for injection |
| Investigational medicinal product code | |
| Other name | MK-3009 |
| Pharmaceutical forms | Powder for solution for infusion |
| Routes of administration | Intravenous use |

Dosage and administration details:

Once daily administration of 5, 7, 9, 10, or 12 mg/kg intravenous (IV) daptomycin infused with 25-50 mL saline over 30-60 minutes depending upon infection type and age level.

| | |
|---------------------------------------|--|
| Number of subjects in period 1 | Daptomycin-cSSTI or Bacteremia: Age 1-17 |
| Started | 18 |
| Completed | 17 |
| Not completed | 1 |
| Lack of efficacy | 1 |

Baseline characteristics

Reporting groups

| | |
|-----------------------|--|
| Reporting group title | Daptomycin-cSSTI or Bacteremia: Age 1-17 |
|-----------------------|--|

Reporting group description:

Participants aged 1 to 17 years old with cSSTI or bacteremia received daptomycin intravenously every 24 hours (q24 hours) for either 5-14 days for cSSTI or for 5-42 days for bacteremia

| Reporting group values | Daptomycin-cSSTI or Bacteremia: Age 1-17 | Total | |
|--|--|-------|--|
| Number of subjects | 18 | 18 | |
| Age Categorical Units: Subjects | | | |
| In utero | 0 | 0 | |
| Preterm newborn infants (gestational age < 37 wks) | 0 | 0 | |
| Newborns (0-27 days) | 0 | 0 | |
| Infants and toddlers (28 days-23 months) | 5 | 5 | |
| Children (2-11 years) | 9 | 9 | |
| Adolescents (12-17 years) | 4 | 4 | |
| Adults (18-64 years) | 0 | 0 | |
| From 65-84 years | 0 | 0 | |
| 85 years and over | 0 | 0 | |
| Gender Categorical Units: Subjects | | | |
| Female | 6 | 6 | |
| Male | 12 | 12 | |
| Race (NIH/OMB) Units: Subjects | | | |
| American Indian or Alaska Native | 0 | 0 | |
| Asian | 18 | 18 | |
| Native Hawaiian or Other Pacific Islander | 0 | 0 | |
| Black or African American | 0 | 0 | |
| White | 0 | 0 | |
| More than one race | 0 | 0 | |
| Unknown or Not Reported | 0 | 0 | |
| Ethnicity Units: Subjects | | | |
| Hispanic or Latino | 0 | 0 | |
| Not Hispanic or Latino | 18 | 18 | |

End points

End points reporting groups

| | |
|--|--|
| Reporting group title | Daptomycin-cSSTI or Bacteremia: Age 1-17 |
| Reporting group description: Participants aged 1 to 17 years old with cSSTI or bacteremia received daptomycin intravenously every 24 hours (q24 hours) for either 5-14 days for cSSTI or for 5-42 days for bacteremia | |
| Subject analysis set title | cSSTI |
| Subject analysis set type | Sub-group analysis |
| Subject analysis set description: Participants diagnosed with complicated skin and soft tissue infection (cSSTI), known or suspected to be caused by a gram-positive cocci. | |
| Subject analysis set title | Bacteremia |
| Subject analysis set type | Sub-group analysis |
| Subject analysis set description: Participants had proven or probable gram-positive coccus bacteremia. | |
| Subject analysis set title | MITT-MRSA with cSSTI |
| Subject analysis set type | Modified intention-to-treat |
| Subject analysis set description: The modified intent-to-treat (MITT)-methicillin-resistant staphylococcus aureas (MRSA) with cSSTI population consists of all enrolled participants who received at least one dose of study treatment, had a positive culture of MRSA at baseline, and were diagnosed with complicated skin and soft tissue infection (cSSTI). | |
| Subject analysis set title | MITT-MRSA with Bacteremia |
| Subject analysis set type | Modified intention-to-treat |
| Subject analysis set description: The modified intent-to-treat (MITT)-methicillin-resistant staphylococcus aureas (MRSA) with bacteremia population consists of all enrolled participants who received at least one dose of study treatment, had a positive culture of MRSA at baseline, and were diagnosed with bacteremia. | |

Primary: Percentage of Participants with an Adverse Event

| | |
|---|---|
| End point title | Percentage of Participants with an Adverse Event ^[1] |
| End point description: An adverse event (AE) is any unfavorable and unintended sign, symptom, or disease temporally associated with the use of a medicinal product or protocol-specified procedure, whether or not considered related to the medicinal product or protocol-specified procedure. Any worsening of a preexisting condition that is temporally associated with the use of the Sponsor's product, is also an adverse event. The analysis population included all enrolled participants who received at least one dose of daptomycin. The percentage of participants who experienced an AE is reported. | |
| End point type | Primary |
| End point timeframe: Up to 56 days | |

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: There are no between-group statistical analyses for this endpoint as the trial was conducted as a single-arm study.

| | | | | |
|-----------------------------------|--|--|--|--|
| End point values | Daptomycin-cSSTI or Bacteremia: Age 1-17 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 18 | | | |
| Units: Percentage of Participants | | | | |

| | | | | |
|-------------------------|------|--|--|--|
| number (not applicable) | 55.6 | | | |
|-------------------------|------|--|--|--|

Statistical analyses

No statistical analyses for this end point

Primary: Percentage of Participants that Discontinued Study Treatment Due to an Adverse Event (AE)

| | |
|-----------------|--|
| End point title | Percentage of Participants that Discontinued Study Treatment Due to an Adverse Event (AE) ^[2] |
|-----------------|--|

End point description:

An AE is any unfavorable and unintended sign, symptom, or disease temporally associated with the use of a medicinal product or protocol-specified procedure, whether or not considered related to the medicinal product or protocol-specified procedure. Any worsening of a preexisting condition that is temporally associated with the use of the Sponsor's product, is also an adverse event. The percentage of participants discontinued from the study due to an AE is reported. The analysis population included all enrolled participants who received at least one dose of daptomycin.

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

End point timeframe:

Up to 42 days

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: There are no between-group statistical analyses for this endpoint as the trial was conducted as a single-arm study.

| | | | | |
|-----------------------------------|--|--|--|--|
| End point values | Daptomycin-cSSTI or Bacteremia: Age 1-17 | | | |
| Subject group type | Reporting group | | | |
| Number of subjects analysed | 18 | | | |
| Units: Percentage of participants | | | | |
| number (not applicable) | 0 | | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants with Clinical Success

| | |
|-----------------|--|
| End point title | Percentage of Participants with Clinical Success |
|-----------------|--|

End point description:

The investigator's assessment of clinical response was conducted at the Test of Cure (TOC) visit, approximately 7 days after the completion of therapy. Clinical success was defined as 1) resolution of clinically significant signs and symptoms associated with admission infection and no further antibiotic therapy required, OR 2) partial resolution of clinical signs or symptoms of infection with no further antibiotic therapy required. The percentage of participants with clinical success is reported in the MITT-MRSA with cSSTI and MITT-MRSA with bacteremia populations--all enrolled participants who received at least one dose of study treatment, had a positive culture of MRSA at baseline, and were diagnosed with either cSSTI or bacteremia, respectively.

| | |
|--|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Up to 10 days following end of treatment (Up to 52 days) | |

| End point values | MITT-MRSA with cSSTI | MITT-MRSA with Bacteremia | | |
|-----------------------------------|----------------------|---------------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 7 | 1 | | |
| Units: Percentage of participants | | | | |
| number (confidence interval 95%) | 85.7 (42.1 to 99.6) | 100 (2.5 to 100) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Percentage of Participants with Subject-Level Microbiological Success

| | |
|-----------------|---|
| End point title | Percentage of Participants with Subject-Level Microbiological Success |
|-----------------|---|

End point description:

The investigator's assessment of subject-level microbiological response was conducted at the Test of Cure (TOC) visit, approximately 7 days after the completion of therapy. Subject-level microbiological success is defined as 1) absence or presumed absence of all baseline infecting pathogens AND 2) no gram-positive superinfection or gram-positive new infection. The percentage of participants with subject-level microbiological success is reported in the MITT-MRSA with cSSTI and MITT-MRSA with bacteremia populations--all enrolled participants who received at least one dose of study treatment, had a positive culture of MRSA at baseline, and were diagnosed with either cSSTI or bacteremia, respectively.

| | |
|---|-----------|
| End point type | Secondary |
| End point timeframe: | |
| Up to 10 days following EOT (up to 52 days) | |

| End point values | MITT-MRSA with cSSTI | MITT-MRSA with Bacteremia | | |
|-----------------------------------|----------------------|---------------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 7 | 1 | | |
| Units: Percentage of Participants | | | | |
| number (confidence interval 95%) | 71.4 (29.0 to 96.3) | 100 (2.5 to 100) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Area Under the Concentration Time Curve from Time 0 to 24 Hours (AUC0-24) Parameters

| | |
|-----------------|--|
| End point title | Area Under the Concentration Time Curve from Time 0 to 24 Hours (AUC0-24) Parameters |
|-----------------|--|

End point description:

Plasma samples were collected at 5 timepoints on day 3 of daptomycin treatment. The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The mean of the AUC0-24 ($\mu\text{g}\cdot\text{hr}/\text{mL}$) is presented in each age category in participants with cSSTI. In participants with bacteremia, the individual AUC0-24 ($\mu\text{g}\cdot\text{hr}/\text{mL}$) is presented.

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

End point timeframe:

On Day 3 of study drug administration- pre dose, 15 minutes, 1 hour, 4 hours, and 12 hours after the end of infusion.

| End point values | cSSTI | Bacteremia | | |
|--|----------------------|----------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 3 | | |
| Units: $\mu\text{g}\cdot\text{hr}/\text{mL}$ | | | | |
| arithmetic mean (standard deviation) | | | | |
| Age Category 1-<2 (n=3, 1) | 574 (\pm 99.1) | 502 (\pm 0) | | |
| Age Category 2-6 (n=3, 0) | 431 (\pm 53.6) | 0 (\pm 0) | | |
| Age Category 7-11 (n=5, 1) | 409 (\pm 143) | 599 (\pm 0) | | |
| Age Category 12-17 (n=3, 1) | 316 (\pm 18.2) | 422 (\pm 0) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean Maximum Concentration (Cmax)

| | |
|-----------------|-----------------------------------|
| End point title | Mean Maximum Concentration (Cmax) |
|-----------------|-----------------------------------|

End point description:

Plasma samples were collected at 5 timepoints on day 3 of daptomycin treatment. The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The mean of Cmax ($\mu\text{g}/\text{mL}$) is presented in each age category in participants with cSSTI and in the age category 1-<2 years in bacteremia. In the other bacteremia categories, individual Cmax is presented.

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

End point timeframe:

On Day 3 of study drug administration- pre dose, 15 minutes, 1 hour, 4 hours, and 12 hours after the end of infusion.

| End point values | cSSTI | Bacteremia | | |
|--------------------------------------|----------------------|----------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 4 | | |
| Units: µg/mL | | | | |
| arithmetic mean (standard deviation) | | | | |
| Age Category 1-<2 (n=3, 2) | 91.7 (± 6.66) | 104 (± 8.70) | | |
| Age Category 2-6 (n=3, 0) | 80.3 (± 4.48) | 0 (± 0) | | |
| Age Category 7-11 (n=5, 1) | 64.4 (± 15.1) | 73.1 (± 0) | | |
| Age Category 12-17 (n=3, 1) | 49.3 (± 1.33) | 94.0 (± 0) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Median Time to Reach Maximum Plasma Concentration (Tmax)

| | |
|-----------------|--|
| End point title | Median Time to Reach Maximum Plasma Concentration (Tmax) |
|-----------------|--|

End point description:

Plasma samples were collected at 5 timepoints on day 3 of daptomycin treatment. The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The Tmax (hr) is the sampling time at which Cmax occurred and the median Tmax in hours is presented in each age category in participants with cSSTI, and in the age category 1-<2 years in bacteremia. In the other bacteremia age categories, individual Tmax is presented.

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

End point timeframe:

On Day 3 of study drug administration- pre dose, 15 minutes, 1 hour, 4 hours, and 12 hours after the end of infusion.

| End point values | cSSTI | Bacteremia | | |
|-------------------------------|------------------------|------------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 4 | | |
| Units: Hours | | | | |
| median (full range (min-max)) | | | | |
| Age Category 1-<2 (n=3, 2) | 1.33 (1.33 to 1.37) | 1.27 (1.20 to 1.33) | | |
| Age Category 2-6 (n=3,0) | 1.23 (1.12 to 1.27) | 0 (0 to 0) | | |
| Age Category 7-11 (n=5,1) | 0.833 (0.783 to 1.00) | 0.800 (0.800 to 0.800) | | |
| Age Category 12-17 (n=3, 1) | 0.750 (0.750 to 0.750) | 0.733 (0.733 to 0.733) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean Apparent Half-life (t_{1/2})

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|-----------------|---|
| End point title | Mean Apparent Half-life (t _{1/2}) |
|-----------------|---|

End point description:

t_{1/2} (hr) was calculated based on the plasma concentration data at 1, 4, and 12 hours after the end of infusion. The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The mean of t_{1/2} is presented in each age category in participants with cSSTI. In participants with bacteremia, the individual t_{1/2} presented.

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

End point timeframe:

On Day 3 of study drug administration - 1 hour, 4 hours, and 12 hours after the end of infusion

| End point values | cSSTI | Bacteremia | | |
|--------------------------------------|----------------------|----------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 3 | | |
| Units: Hours | | | | |
| arithmetic mean (standard deviation) | | | | |
| Age Category 1-<2 (n=3, 1) | 4.94 (± 0.460) | 4.46 (± 0) | | |
| Age Category 2-6 (n=3, 0) | 3.87 (± 0.514) | 0 (± 0) | | |
| Age Category 7-11 (n=5, 1) | 5.07 (± 1.09) | 5.85 (± 0) | | |
| Age Category 12-17 (n=3, 1) | 5.71 (± 0.942) | 3.98 (± 0) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean Total Body Clearance at Steady State (CL_{ss}/wt)

| | |
|-----------------|--|
| End point title | Mean Total Body Clearance at Steady State (CL _{ss} /wt) |
|-----------------|--|

End point description:

Plasma samples collected at 5 time points on day 3 of daptomycin treatment were used to determine body weight adjusted clearance of daptomycin at steady state (mL/hr/kg). The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The mean of CL_{ss}/wt is presented in each age category in participants with cSSTI. In participants with bacteremia, the individual CL_{ss} is presented.

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

End point timeframe:

On Day 3 of study drug administration- pre dose, 15 minutes, 1 hour, 4 hours, and 12 hours after the end of infusion.

| End point values | cSSTI | Bacteremia | | |
|--------------------------------------|----------------------|----------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 3 | | |
| Units: mL/hr/kg | | | | |
| arithmetic mean (standard deviation) | | | | |
| Age Category 1-<2 (n=3, 1) | 17.8 (± 2.86) | 23.9 (± 0) | | |
| Age Category 2-6 (n=3, 0) | 21.1 (± 2.69) | 0 (± 0) | | |
| Age Category 7-11 (n=5, 1) | 19.4 (± 8.27) | 15.0 (± 0) | | |
| Age Category 12-17 (n=3, 1) | 15.8 (± 0.917) | 16.6 (± 0) | | |

Statistical analyses

No statistical analyses for this end point

Secondary: Mean Volume of Distribution at Steady State (Vss)

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|--|---|
| End point title | Mean Volume of Distribution at Steady State (Vss) |
| End point description: | |
| Plasma samples collected at 5 time points on day 3 of daptomycin treatment were used to determine the Vss (mL) of daptomycin for each infection type and age category. The analysis population included all enrolled participants who received at least 3 consecutive IV infusions of study treatment, had at least 1 pharmacokinetic (PK) sample following study drug administration, and did not have any protocol violations affecting the PK profile. The mean Vss is presented in each age category in participants with cSSTI. In participants with bacteremia, the individual Vss is presented. | |
| End point type | Secondary |
| End point timeframe: | |
| On Day 3 of study drug administration- pre dose, 15 minutes, 1 hour, 4 hours, and 12 hours after the end of infusion. | |

| End point values | cSSTI | Bacteremia | | |
|--------------------------------------|----------------------|----------------------|--|--|
| Subject group type | Subject analysis set | Subject analysis set | | |
| Number of subjects analysed | 14 | 3 | | |
| Units: mL | | | | |
| arithmetic mean (standard deviation) | | | | |
| Age Category 1-<2 (n=3, 1) | 1146 (± 299) | 1918 (± 0) | | |
| Age Category 2-6 (n=3, 0) | 1753 (± 486) | 0 (± 0) | | |
| Age Category 7-11 (n=5, 1) | 3929 (± 2032) | 4013 (± 0) | | |
| Age Category 12-17 (n=3, 1) | 6414 (± 1086) | 5106 (± 0) | | |

Statistical analyses

No statistical analyses for this end point

Adverse events

Adverse events information

Timeframe for reporting adverse events:

Up to 56 days

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

Dictionary used

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

| | |
|--------------------|------|
| Dictionary version | 23.0 |
|--------------------|------|

Reporting groups

| | |
|-----------------------|------------|
| Reporting group title | Daptomycin |
|-----------------------|------------|

Reporting group description: -

| Serious adverse events | Daptomycin | | |
|---|----------------|--|--|
| Total subjects affected by serious adverse events | | | |
| subjects affected / exposed | 0 / 18 (0.00%) | | |
| number of deaths (all causes) | 0 | | |
| number of deaths resulting from adverse events | 0 | | |

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

| Non-serious adverse events | Daptomycin | | |
|---|------------------|--|--|
| Total subjects affected by non-serious adverse events | | | |
| subjects affected / exposed | 10 / 18 (55.56%) | | |
| Investigations | | | |
| Alanine aminotransferase increased | | | |
| subjects affected / exposed | 1 / 18 (5.56%) | | |
| occurrences (all) | 1 | | |
| Platelet count increased | | | |
| subjects affected / exposed | 1 / 18 (5.56%) | | |
| occurrences (all) | 1 | | |
| Weight decreased | | | |
| subjects affected / exposed | 1 / 18 (5.56%) | | |
| occurrences (all) | 1 | | |
| Vascular disorders | | | |
| Hypertension | | | |

| | | | |
|---|----------------------|--|--|
| subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| General disorders and administration site conditions | | | |
| Catheter site related reaction subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Chills subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Infusion site swelling subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Injection site pain subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Pyrexia subjects affected / exposed occurrences (all) | 2 / 18 (11.11%) 2 | | |
| Gastrointestinal disorders | | | |
| Constipation subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Enterocolitis subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Gastrointestinal mucosal disorder subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Respiratory, thoracic and mediastinal disorders | | | |
| Cough subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Skin and subcutaneous tissue disorders | | | |
| Acne subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |

| | | | |
|---|----------------------|--|--|
| Alopecia subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| | | | |
| Rash subjects affected / exposed occurrences (all) | 2 / 18 (11.11%) 2 | | |
| | | | |
| Infections and infestations | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Gastroenteritis viral subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Genital candidiasis subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |
| Nasopharyngitis subjects affected / exposed occurrences (all) | 1 / 18 (5.56%) 1 | | |

More information

Substantial protocol amendments (globally)

Were there any global substantial amendments to the protocol? No

Interruptions (globally)

Were there any global interruptions to the trial? No

Limitations and caveats

Limitations of the trial such as small numbers of subjects analysed or technical problems leading to unreliable data.

| |
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| The study was concluded due to the difficulty of enrolling pediatric patients into the study during the COVID-19 pandemic. This study concluded enrollment with 18 participants, versus the 20 that were originally planned. |
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Notes: