

**HIGHLIGHTS OF PRESCRIBING INFORMATION**

These highlights do not include all the information needed to use DAPTOMYCIN FOR INJECTION safely and effectively. The full prescribing information for DAPTOMYCIN FOR INJECTION is available at [www.fda.gov/oc/ohrt/DAPI.htm](http://www.fda.gov/oc/ohrt/DAPI.htm).

**DAPTOMYCIN FOR INJECTION, for Intravenous Use**  
**Initial U.S. Approval: 2003**

**RECENT MAJOR CHANGES**

Warnings and Precautions: Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS) (5.4)	8/2020
Warnings and Precautions, Tubulointerstitial Nephritis (TIN) (5.5)	8/2020

**INDICATIONS AND USAGE**

Daptomycin for injection is a lipopeptide antimicrobial indicated for the treatment of:

- Complicated skin and skin structure infections (cSSSI) in adult and pediatric patients (1 to 17 years of age) (1.1) and,
- Staphylococcus aureus bloodstream infections (bacteremia), in adult patients including those with right-sided infective endocarditis. (1.2)
- Staphylococcus aureus bloodstream infections (bacteremia) in pediatric patients (1 to 17 years of age). (1.3)

**Limitations of Use:**

- Daptomycin for injection is not indicated for the treatment of pneumonia. (1.4)
  - Daptomycin for injection is not indicated for the treatment of left-sided infective endocarditis due to *S. aureus*. (1.4)
  - Daptomycin for injection is not recommended in pediatric patients younger than one year of age due to the risk of potential effects on peripheral, neuromuscular, and/or nervous systems (either peripheral and/or central) observed in neonatal dogs. (1.4)
- To reduce the development of drug-resistant bacteria and maintain the effectiveness of Daptomycin for injection and other antibacterial drugs, Daptomycin for injection should be used to treat infections that are proven or strongly suspected to be caused by bacteria. (1.5)

**DOSAGE AND ADMINISTRATION****Adult Patients**

- Administer to adult patients intravenously in 0.9% sodium chloride, either by injection over a 2-minute period or by infusion over a 30-minute period. (2.1, 2.7)
- Recommended dosage regimen for adult patients (2.2, 2.4, 2.6):

Creatinine Clearance (CL <sub>CR</sub> )	Dosage Regimen	
	cSSSI For 1 to 14 days	S. aureus Bacteremia For 2 to 6 weeks
>30 mL/min	4 mg/kg once every 24 hours	6 mg/kg once every 24 hours
≤30 mL/min, including hemodialysis and CAPD	4 mg/kg once every 48 hours*	6 mg/kg once every 48 hours*

\*Administered following hemodialysis on hemodialysis days.

**Pediatric Patients**

- Unlike in adults, do NOT administer by injection over a two (2) minute period to pediatric patients. (2.1, 2.7)
- Administer to pediatric patients intravenously in 0.9% sodium chloride, by infusion over a 30- or 60-minute period, based on age. (2.1, 2.7)
- Recommended dosage regimen for pediatric patients (1 to 17 years of age) with cSSSI, based on age (2.3):

Age group	Dosage*	Duration of therapy
12 to 17 years	5 mg/kg once every 24 hours infused over 30 minutes	Up to 14 days
7 to 11 years	7 mg/kg once every 24 hours infused over 30 minutes	
2 to 6 years	9 mg/kg once every 24 hours infused over 30 minutes	

1 to less than 2 years: 10 mg/kg once every 24 hours infused over 60 minutes

\*Recommended dosage is for pediatric patients (1 to 17 years of age) with normal renal function. Dosage adjustment for pediatric patients with renal impairment has not been established.

Recommended dosage regimen for pediatric patients (1 to 17 years of age) with *S. aureus* bacteremia, based on age (2.3):

Age group	Dosage*	Duration of therapy
12 to 17 years	5 mg/kg once every 24 hours infused over 30 minutes	Up to 14 days
7 to 11 years	7 mg/kg once every 24 hours infused over 30 minutes	
2 to 6 years	9 mg/kg once every 24 hours infused over 30 minutes	

1 to less than 2 years: 10 mg/kg once every 24 hours infused over 60 minutes

\*Recommended dosage is for pediatric patients (1 to 17 years of age) with normal renal function. Dosage adjustment for pediatric patients with renal impairment has not been established.

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1 to 6 years	12 mg/kg once every 24 hours infused over 60 minutes	

\*Recommended dosage is for pediatric patients (1 to 17 years of age) with normal renal function. Dosage adjustment for pediatric patients with renal impairment has not been established.

- There are two formulations of daptomycin that have differences concerning storage and reconstitution. Carefully follow the reconstitution and storage procedures in labeling. (2.7)
- Do not use in conjunction with ReadyMED® elastomeric infusion pumps in adult and pediatric patients. (2.9)

**DOSAGE FORMS AND STRENGTHS**

For Injection, 500 mg lyophilized powder for reconstitution in a single-dose vial (3)

**CONTRAINDICATIONS**

- Known hypersensitivity to daptomycin (4)

**WARNINGS AND PRECAUTIONS**

- Anaphylaxis/hypersensitivity reactions (including life-threatening): Discontinue Daptomycin for injection and treat symptoms. (5.1)
- Myopathy and rhabdomyolysis: Monitor CK levels and follow muscle pain or weakness; if elevated CPK or myopathy occurs, consider discontinuation of Daptomycin for injection. (5.2)
- Eosinophilic pneumonia: Discontinue Daptomycin for injection and consider treatment with systemic steroids. (5.3)
- Drug Reaction with Eosinophilia and Systemic Symptoms (DRESS): Discontinue Daptomycin for injection and institute appropriate treatment. (5.4)
- Tubulointerstitial Nephritis (TIN): Discontinue Daptomycin for injection and institute appropriate treatment. (5.5)
- Peripheral neuropathy: Monitor for neuropathy and consider discontinuation. (5.6)
- Potential nervous system and/or muscular system effects in pediatric patients younger than 12 months. Avoid use of Daptomycin for injection in this age group. (5.7)
- Clotridioides difficile-associated diarrhea: Evaluate patients if diarrhea occurs. (5.8)
- Persisting or relapsing *S. aureus* bacteremia/endocarditis: Perform susceptibility testing and rule out sequestered foci of infection. (5.9)
- Decreased efficacy was observed in adult patients with moderate baseline renal impairment. (5.10)

**ADVERSE REACTIONS**

- Adult cSSSI Patients: The most common adverse reactions that occurred in ≥ 2% of adult cSSSI patients receiving Daptomycin for injection 4 mg/kg were diarrhea, headache, dizziness, rash, abnormal liver function tests, elevated creatine phosphokinase (CPK), urinary tract infections, hypotension, and dyspnea. (6.1)
- Pediatric cSSSI Patients: The most common adverse reactions that occurred in ≥ 2% of pediatric patients receiving Daptomycin for injection were diarrhea, vomiting, abdominal pain, pruritus, pyrexia, elevated CPK, and headache. (6.1)
- Adult *S. aureus* bacteremia/endocarditis Patients: The most common adverse reactions that occurred in ≥ 2% of *S. aureus* bacteremia/endocarditis patients receiving Daptomycin for injection 6 mg/kg were sepsis, bacteremia, abdominal pain, chest pain, edema, pharyngolaryngeal pain, pruritus, increased sweating, insomnia, elevated CPK, and hypotension. (6.1)
- Pediatric *S. aureus* bacteremia Patients: The most common adverse reactions that occurred in ≥ 25% of pediatric patients receiving Daptomycin for injection were vomiting and elevated CPK. (6.1)

To report suspected ADVERSE REACTIONS, contact the manufacturer, Amgen Inc., at [www.amgen.com](http://www.amgen.com) or 1-833-295-8983, or FDA at 1-800-FDA-1088 or [www.fda.gov/medwatch](http://www.fda.gov/medwatch).

See 17 for PATIENT COUNSELING INFORMATION.

Revised: 01/2021

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**FULL PRESCRIBING INFORMATION****1 INDICATIONS AND USAGE**

- 1.1 Complicated Skin and Skin Structure Infections (cSSSI)**  
Daptomycin for injection is indicated for the treatment of adult patients and pediatric patients (1 to 17 years of age) with complicated skin and skin structure infections (cSSSI) caused by susceptible isolates of the following Gram-positive bacteria: *Staphylococcus aureus* (including methicillin-resistant isolates), *Streptococcus pyogenes*, *Streptococcus agalactiae*, *Streptococcus dysgalactiae* subs. *equisimilis*, and *Enterococcus faecalis* (vancomycin-susceptible isolates only).
- 1.2 Staphylococcus aureus Bloodstream Infections (Bacteremia) in Adult Patients, Including Those with Right-Sided Infective Endocarditis, Caused by Methicillin-Susceptible and Methicillin-Resistant Isolates**  
Daptomycin for injection is indicated for the treatment of adult patients with Staphylococcus aureus bloodstream infections (bacteremia), including adult patients with right-sided infective endocarditis, caused by methicillin-susceptible and methicillin-resistant isolates.
- 1.3 Staphylococcus aureus Bloodstream Infections (Bacteremia) in Pediatric Patients (1 to 17 Years of Age)**  
Daptomycin for injection is indicated for the treatment of pediatric patients (1 to 17 years of age) with Staphylococcus aureus bloodstream infections (bacteremia).

**2 DOSAGE AND ADMINISTRATION**

- 2.1 Important Administration Duration Instructions**  
Daptomycin for injection is not recommended in pediatric patients younger than 1 year of age due to the risk of potential effects on muscular, neuromuscular, and/or nervous systems (either peripheral and/or central) observed in neonatal dogs [see Warnings and Precautions (5.7) and Nonclinical Toxicology (13.2)].

- 1.5 Usage**  
Appropriate specimens for microbiological examination should be obtained in order to isolate and identify the causative pathogens and to determine their susceptibility to daptomycin.  
To reduce the development of drug-resistant bacteria and maintain the effectiveness of Daptomycin for injection and other antibacterial drugs, Daptomycin for injection should be used only to treat infections that are proven or strongly suspected to be caused by susceptible bacteria.  
When culture and susceptibility information is available, it should be considered in selecting or modifying antibacterial therapy. In the absence of such data, local epidemiology and susceptibility patterns may contribute to the empiric selection of therapy. Empiric therapy may be initiated while awaiting test results.

**2 DOSAGE AND ADMINISTRATION**

- 2.1 Important Administration Duration Instructions**  
Administer the appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL) to adult patients intravenously either by injection over a two (2) minute period or by intravenous infusion over a thirty (30) minute period [see Dosage and Administration (2.2, 2.4, 2.7)].  
**Pediatric Patients (1 to 17 Years of Age)**  
Unlike in adults, do NOT administer Daptomycin for injection over a two (2) minute period to pediatric patients.
  - Pediatric Patients 7 to 17 years of Age:** Administer Daptomycin for injection intravenously by infusion over a 30-minute period [see Dosage and Administration (2.3, 2.5, 2.7)].
  - Pediatric Patients 1 to 6 years of Age:** Administer Daptomycin for injection intravenously by infusion over a 60-minute period [see Dosage and Administration (2.3, 2.5, 2.7)].
- 2.2 Dosage in Adults for cSSSI**  
Administer Daptomycin for injection 4 mg/kg to adult patients intravenously in 0.9% sodium chloride injection once every 24 hours for 1 to 14 days.
- 2.3 Dosage in Pediatric Patients (1 to 17 Years of Age) for cSSSI**  
The recommended dosage regimens based on age for pediatric patients with cSSSI are shown in Table 1. Administer Daptomycin for injection intravenously in 0.9% sodium chloride injection once every 24 hours for up to 14 days.

**Table 1: Recommended Dosage of Daptomycin for Injection in Pediatric Patients (1 to 17 Years of Age) with cSSSI, Based on Age**

Age Range	Dosage Regimen*	Duration of therapy
12 to 17 years	5 mg/kg once every 24 hours infused over 30 minutes	Up to 14 days
7 to 11 years	7 mg/kg once every 24 hours infused over 30 minutes	
2 to 6 years	9 mg/kg once every 24 hours infused over 60 minutes	

\*Recommended dosage regimen is for pediatric patients (1 to 17 years of age) with normal renal function. Dosage adjustment for pediatric patients with renal impairment has not been established.

**2.4 Dosage in Adult Patients with Staphylococcus aureus Bloodstream Infections (Bacteremia), Including Those with Right-Sided Infective Endocarditis, Caused by Methicillin-Susceptible and Methicillin-Resistant Isolates**

Administer Daptomycin for injection 6 mg/kg to adult patients intravenously in 0.9% sodium chloride injection once every 24 hours for 2 to 6 weeks. There are limited safety data for the use of Daptomycin for injection for more than 28 days of therapy. In the Phase 3 trial, there were a total of 14 adult patients who were treated with Daptomycin for injection for more than 28 days.

**2.5 Dosage in Pediatric Patients (1 to 17 Years of Age) with Staphylococcus aureus Bloodstream Infections (Bacteremia)**

The recommended dosage regimens based on age for pediatric patients with *S. aureus* bloodstream infections (bacteremia) are shown in Table 2. Administer Daptomycin for injection intravenously in 0.9% sodium chloride injection once every 24 hours for up to 42 days.

**Table 2: Recommended Dosage of Daptomycin for Injection in Pediatric Patients (1 to 17 Years of Age) with S. aureus Bacteremia, Based on Age**

Age group	Dosage*	Duration of therapy
12 to 17 years	7 mg/kg once every 24 hours infused over 30 minutes	Up to 42 days
7 to 11 years	9 mg/kg once every 24 hours infused over 30 minutes	
1 to 6 years	12 mg/kg once every 24 hours infused over 60 minutes	

\*Recommended dosage is for pediatric patients (1 to 17 years of age) with normal renal function. Dosage adjustment for pediatric patients with renal impairment has not been established.

**2.6 Dosage in Patients with Renal Impairment**

Adult Patients:  
No dosage adjustment is required in adult patients with creatinine clearance (CL<sub>CR</sub>) greater than or equal to 30 mL/min. The recommended dosage regimen for Daptomycin for injection in adult patients with CL<sub>CR</sub> less than 30 mL/min, including adult patients on hemodialysis or continuous ambulatory peritoneal dialysis (CAPD), is 4 mg/kg (cSSSI) or 6 mg/kg (*S. aureus* bloodstream infections) once every 48 hours (Table 3). When possible, Daptomycin for injection should be administered following the completion of hemodialysis on hemodialysis days [see Warnings and Precautions (5.2, 5.10), Use in Specific Populations (8.6), and Clinical Pharmacology (12.3)].

**Table 3: Recommended Dosage of Daptomycin for Injection in Adult Patients**

Creatinine Clearance (CL <sub>CR</sub> )	Dosage Regimen in Adults	
	cSSSI	S. aureus Bloodstream Infections
Greater than or equal to 30 mL/min	4 mg/kg once every 24 hours	6 mg/kg once every 24 hours
Less than 30 mL/min, including hemodialysis and CAPD	4 mg/kg once every 48 hours*	6 mg/kg once every 48 hours*

\*When possible, administer Daptomycin for injection following the completion of hemodialysis on hemodialysis days.

**Pediatric Patients:**  
The dosage regimen for Daptomycin for injection in pediatric patients with renal impairment has not been established.

**2.7 Preparation and Administration of Daptomycin for Injection**

There are two formulations of daptomycin that have differences concerning storage and reconstitution. Carefully follow the reconstitution and storage procedures in labeling.

**Reconstitution of Daptomycin for Injection Vial**  
Daptomycin for injection is supplied in single-dose vials, each containing 500 mg daptomycin as a sterile, lyophilized powder. The contents of a Daptomycin for injection vial should be reconstituted, using aseptic technique, to 50 mg/mL as follows:

- To minimize foaming, AVOID vigorous agitation or shaking of the vial during or after reconstitution.
- Remove the polypropylene flip-off cap from the Daptomycin for injection vial to expose the central portion of the rubber stopper.

3. Wipe the top of the rubber stopper with an alcohol swab or other antiseptic solution and allow to dry. After cleaning, do not touch the rubber stopper or allow it to touch any other surface.

4. Slowly transfer 10 mL of 0.9% sodium chloride injection through the center of the rubber stopper into the Daptomycin transfer needle, pointing the transfer needle toward the wall of the vial. It is recommended that a beveled sterile transfer needle that is 21 gauge or smaller in diameter, or a needleless device is used, pointing the transfer needle toward the wall of the vial.

- Ensure that all of the Daptomycin for injection powder is wetted by gently rotating the vial.
  - Allow the wetted product to stand undisturbed for 10 minutes.
  - Gently rotate or swirl the vial contents for a few minutes, as needed, to obtain a completely reconstituted solution.

**Administration Instructions**  
Parenteral drug products should be inspected visually for particulate matter prior to administration.

Slowly remove the reconstituted liquid (50 mg daptomycin/mL) from the vial using a beveled sterile needle that is 21 gauge or smaller in diameter. Administer as an intravenous injection or infusion as described below.

**Adults**  
**Intravenous Injection over a period of 2 minutes**  

- For intravenous (IV) injection over a period of 2 minutes in adult patients only: Administer the appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL).

**Intravenous Infusion over a period of 30 minutes**  

- For IV infusion over a period of 30 minutes in adult patients: The appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL) should be further diluted, using aseptic technique, into a 50 mL IV infusion bag containing 0.9% sodium chloride injection.

**Pediatric Patients (1 to 17 Years of Age)**  
**Intravenous Infusion over a period of 30 or 60 minutes**  

- For IV infusion over a period of 30 minutes in adult patients: The appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL) should be further diluted, using aseptic technique, into a 50 mL IV infusion bag containing 0.9% sodium chloride injection.

**Unlike in Adults, do NOT Administer Daptomycin for Injection by Injection over a two (2) minute period to pediatric patients (see Dosage and Administration (2.1)).**

**For Intravenous Infusion over a period of 60 minutes in pediatric patients 1 to 6 years of age:** The appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL) should be further diluted, using aseptic technique, into an intravenous infusion bag containing 25 mL of 0.9% sodium chloride injection. The infusion rate should be maintained at 0.4 mL/minute over the 60-minute period.

**For Intravenous Infusion over a period of 30 minutes in pediatric patients 7 to 17 years of age:** The appropriate volume of the reconstituted Daptomycin for injection (concentration of 50 mg/mL) should be further diluted, using aseptic technique, into a 50 mL IV infusion bag containing 0.9% sodium chloride injection. The infusion rate should be maintained at 1.67 mL/minute over the 30-minute period.

No preservative or bacteriostatic agent is present in this product. Aseptic technique must be used in the preparation of final IV solution. Do not exceed the In-Use storage conditions of the reconstituted and diluted solutions of Daptomycin for injection described below. Discard unused portions of Daptomycin for injection.

**In-Use Storage Conditions for Daptomycin for Injection Once Reconstituted in Acceptable Intravenous Diluents**  
Stability studies have shown that the reconstituted solution is stable in the vial for 12 hours at room temperature and up to 48 hours if stored under refrigeration at 2 to 8°C (36 to 46°F).

The diluted solution is stable in the infusion bag for 12 hours at room temperature and 48 hours if stored under refrigeration. The combined storage time (reconstituted solution in vial and diluted solution in infusion bag) should not exceed 12 hours at room temperature or 48 hours under refrigeration.

**3 COMPATIBLE INTRAVENOUS SOLUTIONS**

Daptomycin for injection is compatible with 0.9% sodium chloride injection and lactated Ringer's injection.

**3 INCOMPATIBILITIES**

Daptomycin for injection is not compatible with dextrose-containing diluents.

Daptomycin for injection should not be used in conjunction with ReadyMED® elastomeric infusion pumps. Stability studies of Daptomycin for injection solutions stored in ReadyMED® elastomeric infusion pumps identified an impurity (2-mercapto-benzothiazole) leaching from this pump system into the Daptomycin for injection solution.

Because only limited data are available on the compatibility of Daptomycin for injection with other IV substances, additives and other solutions should not be added to Daptomycin for injection single-dose vials or infusion bags, or infused simultaneously with Daptomycin for injection through the same IV line. If the same IV line is used for sequential infusion of different drugs, the line should be flushed with a compatible intravenous solution before and after infusion with Daptomycin for injection.

**4 DOSAGE FORMS AND STRENGTHS**

For Injection, 500 mg daptomycin as a sterile, pale yellow to light brown lyophilized powder for reconstitution in a single-dose vial.

**5 CONTRAINDICATIONS**

Daptomycin for injection is contraindicated in patients with known hypersensitivity to daptomycin.

**5 WARNINGS AND PRECAUTIONS****5.1 Anaphylaxis/Hypersensitivity Reactions**

Anaphylaxis/hypersensitivity reactions have been reported with the use of antibacterial agents, including Daptomycin for injection, and may be life-threatening. If an allergic reaction to Daptomycin for injection occurs, discontinue the drug and institute appropriate therapy [see Adverse Reactions (6.2)].

**5.2 Myopathy and Rhabdomyolysis**

Myopathy, defined as muscle aching or muscle weakness in conjunction with increases in creatine phosphokinase (CPK) values greater than 10 times the upper limit of normal (ULN), has been reported with the use of Daptomycin for injection. Rhabdomyolysis, with or without acute renal failure, has been reported [see Adverse Reactions (6.2)].

Patients receiving Daptomycin for injection should be monitored for the development of muscle pain or weakness, particularly of the distal extremities. In patients who receive Daptomycin for injection, CPK levels should be monitored weekly, and more frequently in patients who receive renal therapy or concomitant therapy with an HMG-CoA reductase inhibitor or other myoelelctons in CPK occur during treatment with Daptomycin for injection.

In adult patients with renal impairment, both renal function and CPK should be monitored more frequently than once weekly [see Use in Specific Populations (8.6) and Clinical Pharmacology (12.3)].

In Phase 1 studies and Phase 2 clinical trials in adults, CPK elevations appeared to be more frequent when Daptomycin for injection was dosed more than once daily. Therefore, Daptomycin for injection should not be dosed more frequently than once a day.

Daptomycin for injection should be discontinued in patients with unexplained signs and symptoms of myopathy in conjunction with CPK elevations to levels >1,000 ULN (<5x ULN), and in patients without reported symptoms who have marked elevations in CPK, with levels >2,000 ULN (≥10x ULN). In addition, consideration should be given to suspending agents associated with rhabdomyolysis, such as HMG-CoA reductase inhibitors, temporarily in patients receiving Daptomycin for injection [see Drug Interactions (7.1)].

**5.3 Eosinophilic Pneumonia**



## 8 USE IN SPECIFIC POPULATIONS

### 8.1 Pregnancy

#### Risk Summary

Limited published data on use of Daptomycin for injection in pregnant women are insufficient to inform a drug-associated risk for major birth defects and miscarriage. In animal reproduction studies performed in rats and rabbits daptomycin was administered intravenously during organogenesis at doses 2 and 4-times, respectively, the recommended 6 mg/kg human dose (on a body surface area basis). No evidence of adverse developmental outcomes was observed.

The background risk of major birth defects and miscarriage for the indicated population is unknown. All pregnancies have a background risk of birth defect, loss, or other adverse outcomes. In the U.S. general population, the estimated background risk of major birth defects and miscarriage in clinically recognized pregnancies is 2-4% and 15-20%, respectively.

#### Data

##### Animal Data

In pregnant rats, daptomycin was administered intravenously at doses of 5, 20, or 75 mg/kg/day during the gestation days 6 to 18. Maternal body weight gain and food consumption were decreased at 75 mg/kg/day. No embryofetal effects were noted at the highest dose of 75 mg/kg/day, a dose approximately 2-fold higher than in humans at the recommended maximum dose of 6 mg/kg (based on body surface area).

In pregnant rabbits, daptomycin was administered intravenously at doses of 5, 20, or 75 mg/kg/day during the gestation days 6 to 15. Maternal body weight gain and food consumption were decreased at 75 mg/kg/day. No embryofetal effects were noted at the highest dose of 75 mg/kg/day, a dose approximately 4-fold higher than in humans at the maximum recommended dose of 6 mg/kg (based on body surface area). In a combined fertility and pre/postnatal development study, daptomycin was administered intravenously to female rats at doses of 2, 25, 75 mg/kg/day from 14-days pre-mating through lactation/postpartum day 20. No effects on pre/postnatal development were observed up to the highest dose of 75 mg/kg/day, a dose approximately 2-fold higher than the maximum recommended human dose of 6 mg/kg (based on body surface area)<sup>†</sup>.

### 8.2 Lactation

#### Risk Summary

Limited published data report that daptomycin is present in human milk at infant doses of 0.1% of the maternal dose [see Data]<sup>†,‡,4</sup>. There is no information on the effects of daptomycin on the breastfed infant or the effects of daptomycin on milk production. The developmental and health benefits of breastfeeding should be considered along with the mother's clinical need for Daptomycin for injection and any potential adverse effects on the breastfed infant from Daptomycin for injection or from the underlying maternal condition.

### 8.4 Pediatric Use

The safety and effectiveness of Daptomycin for injection in the treatment of cSSSI and *S. aureus* bloodstream infections (bacteremia) have been established in the age groups 1 to 17 years of age. Use of Daptomycin for injection in these age groups is supported by evidence from adequate and well-controlled studies in adults, with additional data from pharmacokinetic studies in pediatric patients, from safety, efficacy and PK studies in pediatric patients with cSSSI and *S. aureus* bloodstream infections [see Adverse Reactions (6.1), *Clinical Pharmacology* (12.3), and *Clinical Studies* (14.1)].

Safety and effectiveness in pediatric patients below the age of one year have not been established. Avoid use of Daptomycin for injection in pediatric patients younger than one year of age due to the risk of potential effects on muscular, neuromuscular, and/or nervous systems (either peripheral and/or central) observed in neonatal dogs [see Warnings and Precautions (5.7) and *Nonclinical Toxicology* (13.2)].

Daptomycin for injection is not indicated in pediatric patients with renal impairment because dosage has not been established in these patients.

Daptomycin for injection has not been studied in pediatric patients with other bacterial infections.

### 8.5 Geriatric Use

Of the 534 adult patients treated with Daptomycin for injection in Phase 3 controlled clinical trials of complicated skin and skin structure infections (cSSSI), 27% were 65 years of age or older and 12% were 75 years of age or older. Of the 120 adult patients treated with Daptomycin for injection in the Phase 3 controlled clinical trial of *S. aureus* bacteremia/endocarditis, 25% were 65 years of age or older and 16% were 75 years of age or older. In Phase 3 adult clinical trials of cSSSI and *S. aureus* bacteremia/endocarditis, clinical success rates were lower in patients ≥65 years of age than in patients <65 years of age. In addition, treatment-emergent adverse events were more common in patients ≥65 years of age than in patients <65 years of age. The exposure of daptomycin was higher in healthy elderly subjects than in healthy young adult subjects. However, no adjustment of Daptomycin for injection dosage is warranted for elderly patients with creatinine clearance (CL<sub>CR</sub>) ≥30 mL/min [see Dosage and Administration (2.6) and *Clinical Pharmacology* (12.3)].

### 8.6 Patients with Renal Impairment

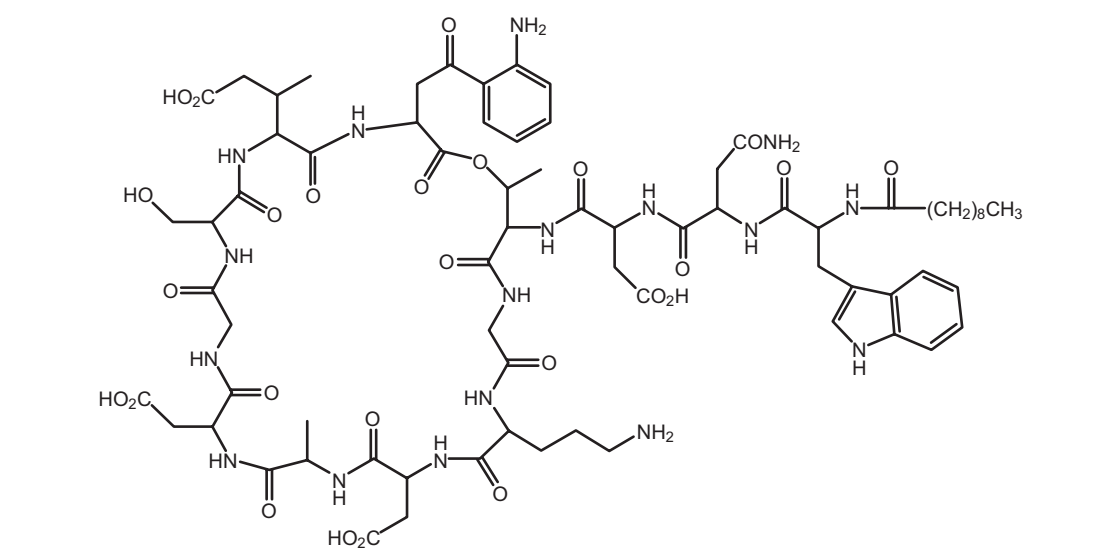
Daptomycin is eliminated primarily by the kidneys; therefore, a modification of Daptomycin for injection dosage interval is recommended for adult patients with CL<sub>CR</sub> <30 mL/min, including patients receiving hemodialysis or continuous ambulatory peritoneal dialysis (CAPD). In adult patients with renal impairment, both renal function and creatine phosphokinase (CPK) should be monitored more frequently than once weekly [see Dosage and Administration (2.6), Warnings and Precautions (5.2, 5.10), and *Clinical Pharmacology* (12.3)]. The dosage regimen for Daptomycin for injection in pediatric patients with renal impairment has not been established.

### 10 OVERDOSAGE

In the event of overdosage, supportive care is advised with maintenance of glomerular filtration. Daptomycin is cleared slowly from the body by hemodialysis (approximately 15% of the administered dose is removed over 4 hours) and by peritoneal dialysis (approximately 11% of the administered dose is removed over 48 hours). Use of high-flux dialysis membranes during 4 hours of hemodialysis may increase the percentage of dose removed compared with that removed by low-flux membranes.

### 11 DESCRIPTION

Daptomycin for injection contains daptomycin, a cyclic lipopeptide antibacterial agent derived from the fermentation of *Streptomyces roseosporus*. The chemical name is *N*-decanoyl-L-tryptophyl-DL-asparaginyl-L-aspartyl-L-threoninyl-L-formyl-L-phenylalanyl-L-aspartylglycyl-D-seryl-threo-3-methyl-L-glutamyl-3-anthranylinyl-L-alanine ε-L-lactone. The chemical structure is:



The empirical formula is C<sub>27</sub>H<sub>42</sub>N<sub>6</sub>O<sub>12</sub>; the molecular weight is 1620.67. Daptomycin for injection is supplied in a single-dose vial as a sterile, preservative-free, pale yellow to light brown, lyophilized cake containing approximately 500 mg of daptomycin for intravenous (IV) use following reconstitution with 0.9% sodium chloride injection [see Dosage and Administration (2.7)]. The only inactive ingredient is sodium hydroxide, which is used for pH adjustment. Freely reconstituted solutions of Daptomycin for injection range in color from pale yellow to light brown.

### 12 CLINICAL PHARMACOLOGY

#### 12.1 Mechanism of Action

Daptomycin is an antibacterial drug [see *Clinical Pharmacology* (12.4)].

#### 12.2 Pharmacodynamics

Based on animal models of infection, the antimicrobial activity of daptomycin appears to correlate with the AUC/MIC (area under the concentration-time curve/minimum inhibitory concentration) ratio for certain pathogens, including *S. aureus*. The principal pharmacokinetic/pharmacodynamic parameter best associated with clinical and microbiological cure has not been elucidated in clinical trials with Daptomycin for injection.

#### 12.3 Pharmacokinetics

##### Daptomycin for Injection Administered over a 30-Minute Period in Adults

The mean (± standard deviation [SD]) pharmacokinetic parameters of daptomycin at steady-state following intravenous (IV) administration of Daptomycin for injection over a 30-minute period at 4 to 12 mg/kg q24h to healthy young adults are summarized in Table 11.

Table 11: Mean (SD) Daptomycin Pharmacokinetic Parameters in Healthy Adult Volunteers at Steady-State

Dose <sup>1</sup> (mg/kg)	Pharmacokinetic Parameters <sup>2</sup>					
	AUC <sub>0-24</sub> (mcg·h/mL)	t <sub>1/2</sub> (h)	V <sub>ss</sub> (L/kg)	CL <sub>T</sub> (mL/h/kg)	C <sub>max</sub> (mcg/mL)	
4 (N=6)	494 (75)	8.1 (1.0)	0.096 (0.009)	8.3 (1.3)	57.8 (3.0)	
6 (N=6)	632 (78)	7.9 (1.0)	0.101 (0.007)	9.1 (1.5)	93.9 (6.0)	
8 (N=6)	858 (113)	8.3 (2.2)	0.101 (0.013)	9.0 (3.0)	123.3 (16.0)	
10 (N=9)	1039 (178)	7.9 (0.6)	0.098 (0.017)	8.8 (2.2)	141.1 (24.0)	
12 (N=9)	1277 (253)	7.7 (1.1)	0.097 (0.018)	9.0 (2.8)	183.7 (25.0)	

<sup>1</sup> Daptomycin for injection was administered by IV infusion over a 30-minute period. <sup>2</sup> Doses of Daptomycin for injection in excess of 6 mg/kg have not been approved. <sup>3</sup> AUC<sub>0-24</sub>, area under the concentration-time curve from 0 to 24 hours; t<sub>1/2</sub>, elimination half-life; V<sub>ss</sub>, volume of distribution at steady-state; CL<sub>T</sub>, total plasma clearance; C<sub>max</sub>, maximum plasma concentration.

Daptomycin pharmacokinetics were generally linear and time-independent at Daptomycin for injection doses of 4 to 12 mg/kg q24h administered by IV infusion over a 30-minute period for up to 14 days. Steady-state trough concentrations were achieved by the third day of dose. The mean (SD) steady-state trough concentrations attained following the administration of 4, 6, 8, 10, and 12 mg/kg q24h were 5.9 (1.6), 6.7 (1.6), 10.3 (5.5), 12.9 (2.9), and 13.7 (5.2) mcg/mL, respectively.

##### Daptomycin for injection Administered over a 2-Minute Period in Adults

Following IV administration of Daptomycin for injection over a 2-minute period to healthy adult volunteers at doses of 4 mg/kg (N=8) and 6 mg/kg (N=12), the mean (SD) steady-state systemic exposure (AUC) values were 475 (71) and 701 (62) mcg·h/mL, respectively. Values for maximum concentration (C<sub>max</sub>) at the end of the 2-minute intravenous infusion period were not determined adequately in this study. However, using pharmacokinetic parameters from 14 healthy adult volunteers who received a single dose of Daptomycin for injection 6 mg/kg IV administered over a 30-minute period in a separate study, steady-state C<sub>max</sub> values were simulated for Daptomycin for injection 4 and 6 mg/kg IV administered over a 2-minute period. The simulated mean (SD) steady-state C<sub>max</sub> values were 77.7 (8.1) and 116.6 (12.2) mcg/mL, respectively.

##### Distribution

Daptomycin is reversibly bound to human plasma proteins, primarily to serum albumin, in a concentration-independent manner. The overall mean binding ranges from 90 to 93%.

In clinical studies, mean serum protein binding to adult subjects with creatinine clearance (CL<sub>CR</sub>) ≥30 mL/min was comparable to that observed in healthy adult subjects with normal renal function. However, there was a trend toward decreasing serum protein binding among subjects with CL<sub>CR</sub> <30 mL/min (88%), including those subjects receiving hemodialysis or continuous ambulatory peritoneal dialysis (CAPD) (84%). The protein binding of daptomycin in adult subjects with moderate hepatic impairment (Child-Pugh Class B) was similar to that in healthy adult subjects.

The volume of distribution at steady-state (V<sub>ss</sub>) of daptomycin in healthy adult patients was approximately 0.1 L/kg and was independent of dose.

##### Metabolism

In *in vitro* studies, daptomycin was not metabolized by human liver microsomes. In healthy adults after infusion of radiolabeled <sup>14</sup>C-daptomycin, the plasma total radioactivity was similar to the concentration determined by microbiological assay. Inactive metabolites were detected in urine, as determined by the difference between total radioactive concentrations and microbiologically active concentrations. In a separate study, no metabolites were observed in plasma on Day 1 following the administration of Daptomycin for injection 6 mg/kg to adult subjects. Minor amounts of three oxidative metabolites and one unidentified compound were detected in urine. The site of metabolism has not been identified.

##### Excretion

Daptomycin is excreted primarily by the kidneys. In a mass balance study of 5 healthy adult subjects using radiolabeled daptomycin, approximately 78% of the administered dose was recovered from urine based on total radioactivity (approximately 52% of the dose based on microbiologically active concentrations), and 5.7% of the administered dose was recovered from feces (collected for up to 9 days) based on total radioactivity.

##### Specific Populations

###### Renal Impairment

Population-derived pharmacokinetic parameters were determined for infected adult patients (complicated skin and skin structure infections (cSSSI) and *S. aureus* bacteremia) and noninfected adult subjects with various degrees of renal function (Table 12). Total plasma clearance (CL<sub>T</sub>), elimination half-life (t<sub>1/2</sub>) and volume of distribution at steady-state (V<sub>ss</sub>) in patients with cSSSI were similar to those in patients with *S. aureus* bacteremia. Following administration of Daptomycin for injection 4 mg/kg q24h by IV infusion over a 30-minute period, the mean CL<sub>T</sub> was 9%–22%, and 46% lower among subjects and patients with mild (CL<sub>CR</sub> 30–50 mL/min), moderate (CL<sub>CR</sub> 30–50 mL/min), and severe (CL<sub>CR</sub> <30 mL/min) renal impairment, respectively, than in those with normal renal function (CL<sub>CR</sub> ≥80 mL/min). The mean steady-state systemic exposure (AUC), t<sub>1/2</sub>, and V<sub>ss</sub> increased with decreasing renal function, although the mean AUC for patients with CL<sub>CR</sub> 30–80 mL/min was not markedly different from the mean AUC for patients with normal renal function. The mean AUC for patients with CL<sub>CR</sub> <30 mL/min and for patients on dialysis (CAPD and continuous ambulatory peritoneal dialysis) was approximately 2 and 3 times higher, respectively, than for patients with normal renal function. The mean C<sub>max</sub> ranged from 60 to 70 mcg/mL in patients with CL<sub>CR</sub> ≥30 mL/min, while the mean C<sub>max</sub> for patients with CL<sub>CR</sub> <30 mL/min ranged from 41 to 48 mcg/mL. After administration of Daptomycin for injection 6 mg/kg q24h by IV infusion over a 30-minute period, the mean C<sub>max</sub> ranged from 80 to 114 mcg/mL in patients with mild to moderate renal impairment and was similar to that of patients with normal renal function.

Renal Function	Pharmacokinetic Parameters <sup>2</sup>					
	t <sub>1/2</sub> <sup>1</sup> (h)	V <sub>ss</sub> <sup>1</sup> (L/kg)	CL <sub>T</sub> <sup>1</sup> (mL/h/kg)	AUC <sub>0-24</sub> <sup>1</sup> (mcg·h/mL)	AUC <sub>0-24</sub> <sup>2</sup> (mcg·h/mL)	C <sub>max</sub> <sup>1,2</sup> (mcg/mL)
Normal (CL <sub>CR</sub> ≥80 mL/min)	9.39 (4.74) N=165	0.13 (0.05) N=165	10.9 (4.0) N=165	417 (155) N=165	545 (296) N=62	6.9 (3.5) N=61
Mild Renal Impairment (CL <sub>CR</sub> 50–80 mL/min)	10.75 (8.36) N=64	0.12 (0.05) N=64	9.9 (4.0) N=64	466 (177) N=64	637 (215) N=29	12.4 (5.6) N=29
Moderate Renal Impairment (CL <sub>CR</sub> 30–50 mL/min)	14.70 (10.50) N=24	0.15 (0.06) N=24	8.5 (3.4) N=24	560 (258) N=24	868 (349) N=19	19.0 (9.0) N=14
Severe Renal Impairment (CL <sub>CR</sub> <30 mL/min)	27.83 (14.85) N=8	0.20 (0.15) N=8	5.9 (3.9) N=8	925 (467) N=8	1050 (892) N=2	24.4 (21.4) N=2
Hemodialysis	30.51 (6.51) N=16	0.16 (0.04) N=16	3.9 (2.1) N=16	1193 (399) N=16	NA	NA
CAPD	27.56 (4.53) N=5	0.11 (0.02) N=5	2.9 (0.4) N=5	1409 (238) N=5	NA	NA

Table 12: Mean (SD) Daptomycin Population Pharmacokinetic Parameters Following Infusion of Daptomycin for Injection 4 mg/kg or 6 mg/kg to Infected Adult Patients and Noninfected Adult Subjects with Various Degrees of Renal Function

Renal Function	Pharmacokinetic Parameters <sup>2</sup>					
	t <sub>1/2</sub> <sup>1</sup> (h)	V <sub>ss</sub> <sup>1</sup> (L/kg)	CL <sub>T</sub> <sup>1</sup> (mL/h/kg)	AUC <sub>0-24</sub> <sup>1</sup> (mcg·h/mL)	AUC <sub>0-24</sub> <sup>2</sup> (mcg·h/mL)	C <sub>max</sub> <sup>1,2</sup> (mcg/mL)
Normal (CL <sub>CR</sub> ≥80 mL/min)	9.39 (4.74) N=165	0.13 (0.05) N=165	10.9 (4.0) N=165	417 (155) N=165	545 (296) N=62	6.9 (3.5) N=61
Mild Renal Impairment (CL <sub>CR</sub> 50–80 mL/min)	10.75 (8.36) N=64	0.12 (0.05) N=64	9.9 (4.0) N=64	466 (177) N=64	637 (215) N=29	12.4 (5.6) N=29
Moderate Renal Impairment (CL <sub>CR</sub> 30–50 mL/min)	14.70 (10.50) N=24	0.15 (0.06) N=24	8.5 (3.4) N=24	560 (258) N=24	868 (349) N=19	19.0 (9.0) N=14
Severe Renal Impairment (CL <sub>CR</sub> <30 mL/min)	27.83 (14.85) N=8	0.20 (0.15) N=8	5.9 (3.9) N=8	925 (467) N=8	1050 (892) N=2	24.4 (21.4) N=2
Hemodialysis	30.51 (6.51) N=16	0.16 (0.04) N=16	3.9 (2.1) N=16	1193 (399) N=16	NA	NA
CAPD	27.56 (4.53) N=5	0.11 (0.02) N=5	2.9 (0.4) N=5	1409 (238) N=5	NA	NA

Note: Daptomycin for injection was administered over a 30-minute period.

<sup>1</sup> CL<sub>CR</sub>, creatinine clearance estimated using the Cockcroft-Gault equation with actual body weight; CAPD, continuous ambulatory peritoneal dialysis; AUC<sub>0-24</sub>, area under the concentration-time curve extrapolated to infinity; AUC<sub>0-24</sub>, area under the concentration-time curve calculated over the 24-hour dosing interval at steady-state; C<sub>min,ss</sub>, trough concentration at steady-state; NA, not applicable.

<sup>2</sup> Parameters obtained following a single dose from patients with complicated skin and skin structure infections and healthy subjects.

<sup>3</sup> Parameters obtained at steady-state from patients with *S. aureus* bacteremia.

Because renal excretion is the primary route of elimination, adjustment of Daptomycin for injection dosage interval is necessary in adult patients with severe renal impairment (CL<sub>CR</sub> <30 mL/min) [see Dosage and Administration (2.4)].

##### Hepatic Impairment

The pharmacokinetics of daptomycin were evaluated in 10 adult patients with moderate hepatic impairment (Child-Pugh Class B) and compared with those in healthy adult volunteers (N=9) matched for gender, age, and weight. The pharmacokinetics were not altered in subjects with moderate hepatic impairment. No dosage adjustment is warranted when Daptomycin for injection is administered to patients with mild to moderate hepatic impairment. The pharmacokinetics of daptomycin in patients with severe hepatic impairment (Child-Pugh Class C) have not been evaluated.

##### Gender

No clinically significant gender-related differences in daptomycin pharmacokinetics have been observed. No dosage adjustment is warranted based on gender when Daptomycin for injection is administered.

##### Geriatric

The pharmacokinetics of daptomycin were evaluated in 12 healthy elderly subjects (≥75 years of age) and 11 healthy

young adult controls (18 to 30 years of age). Following administration of a single 4 mg/kg dose of Daptomycin for injection by IV infusion over a 30-minute period, the mean total clearance of daptomycin was approximately 35% lower and the mean AUC<sub>0-24</sub> was approximately 56% higher in elderly subjects than in healthy young adult subjects. There were no differences in C<sub>max</sub> [see *Use in Specific Populations* (8.5)].

##### Obesity

The pharmacokinetics of daptomycin were evaluated in 6 moderately obese (Body Mass Index [BMI] 25 to 39.9 kg/m<sup>2</sup>) and 6 extremely obese (BMI ≥40 kg/m<sup>2</sup>) adult subjects and controls matched for age, gender, and renal function. Following administration of Daptomycin for injection by IV infusion over a 30-minute period as a single 4 mg/kg dose based on total body weight, the total plasma clearance of daptomycin normalized to total body weight was approximately 15% lower in moderately obese subjects and 23% lower in extremely obese subjects than in nonobese controls. The AUC<sub>0-24</sub> was approximately 30% higher in moderately obese subjects and 31% higher in extremely obese subjects than in nonobese controls. The differences were most likely due to differences in the renal clearance of daptomycin. No adjustment of Daptomycin for injection dosage is warranted in obese patients.

##### Pediatric

The pharmacokinetics of daptomycin in pediatric subjects was evaluated in 3 single-dose pharmacokinetic studies. In general, body weight-normalized total body clearance in pediatric patients was higher than in adults and increased with a decrease of age, whereas elimination half-life tends to decrease with a decrease of age. Body weight-normalized total body clearance and elimination half-life of daptomycin in children 2 to 6 years of age were similar at different doses.

A study was conducted to assess safety, efficacy, and pharmacokinetics of daptomycin in pediatric patients (1 to 17 years old, inclusive) with cSSSI caused by Gram-positive pathogens. Patients were enrolled into 4 age groups [see *Clinical Studies* (14.1)], and intravenous Daptomycin for injection doses of 5 to 10 mg/kg once daily were administered. Following administration of multiple doses, daptomycin exposure (AUC<sub>0-24</sub> and C<sub>max,ss</sub>) was similar across different age groups after dose adjustment based on body weight and age (Table 13).

Age	Pharmacokinetic Parameters						
	Dose (mg/kg)	Infusion Duration (min)	AUC <sub>0-24</sub> (mcg·h/mL)	t <sub>1/2</sub> (h)	V <sub>ss</sub> (mL)	CL <sub>T</sub> (mL/h/kg)	C <sub>max,ss</sub> (mcg/L)
12 to 17 years (N=5)	5	30	434 (67.9)	7.1 (0.9)	8200 (3250)	11.8 (2.15)	76.4 (6.75)
7 to 11 years (N=2)	7	30	543 <sup>*</sup>	6.8 <sup>*</sup>	4470 <sup>*</sup>	13.2 <sup>*</sup>	92.4 <sup>*</sup>
2 to 6 years (N=7)	9	60	452 (93.1)	4.6 (0.8)	2750 (832)	20.8 (4.29)	90.3 (14.0)
1 to less than 2 years (N=27)	10	60	462 (138)	4.8 (0.6)	1670 (446)	23.1 (5.43)	81.6 (20.7)

Table 13: Mean (SD) Daptomycin Population Pharmacokinetic Parameters in cSSSI Pediatric Patients

Age	Pharmacokinetic Parameters						
	Dose (mg/kg)	Infusion Duration (min)	AUC <sub>0-24</sub> (mcg·h/mL)	t <sub>1/2</sub> (h)	V <sub>ss</sub> (mL)	CL <sub>T</sub> (mL/h/kg)	C <sub>max,ss</sub> (mcg/L)
12 to 17 years (N=5)	5	30	434 (67.9)	7.1 (0.9)	8200 (3250)	11.8 (2.15)	76.4 (6.75)
7 to 11 years (N=2)	7	30	543 <sup>*</sup>	6.8 <sup>*</sup>	4470 <sup>*</sup>	13.2 <sup>*</sup>	92.4 <sup>*</sup>
2 to 6 years (N=7)	9	60	452 (93.1)	4.6 (0.8)	2750 (832)	20.8 (4.29)	90.3 (14.0)
1 to less than 2 years (N=27)	10	60	462 (138)	4.8 (0.6)	1670 (446)	23.1 (5.43)	81.6 (20.7)

AUC<sub>0-24</sub>, area under the concentration-time curve at steady state; CL<sub>T</sub>, clearance normalized to body weight; V<sub>ss</sub>, volume of distribution at steady state; t<sub>1/2</sub>, terminal half-life

<sup>\*</sup> Mean is calculated from N=2

A study was conducted to assess safety, efficacy, and pharmacokinetics of daptomycin in pediatric patients with *S. aureus* bacteremia. Patients were enrolled into 3 age groups [see *Clinical Studies* (14.2)], and intravenous doses of 7 to 12 mg/kg once daily were administered. Following administration of multiple doses, daptomycin exposure (AUC<sub>0-24</sub> and C<sub>max,ss</sub>) was similar across different age groups after dose adjustment based on body weight and age (Table 14).

Age	Pharmacokinetic Parameters						
	Dose (mg/kg)	Infusion Duration (min)	AUC <sub>0-24</sub> (mcg·h/mL)	t <sub>1/2</sub> (h)	V <sub>ss</sub> (mL)	CL <sub>T</sub> (mL/h/kg)	C <sub>max,ss</sub> (mcg/mL)
12 to 17 years (N=13)	7	30	656 (334)	7.5 (2.3)	6420 (1980)	12.4 (3.9)	104 (35.5)
7 to 11 years (N=19)	9	30	579 (116)	6.0 (0.8)	4150 (1470)	15.9 (2.8)	104 (14.5)
2 to 6 years (N=9)	12	60	620 (109)	5.1 (0.6)	2200 (570)	19.9 (3.4)	106 (12.8)

Table 14: Mean (SD) of Daptomycin Pharmacokinetics in Bacteremia Pediatric Patients

Age	Pharmacokinetic Parameters						
	Dose (mg/kg)	Infusion Duration (min)	AUC <sub>0-24</sub> (mcg·h/mL)	t <sub>1/2</sub> (h)	V <sub>ss</sub> (mL)	CL <sub>T</sub> (mL/h/kg)	C <sub>max,ss</sub> (mcg/mL)
12 to 17 years (N=13)	7	30	656 (334)	7.5 (2.3)	6420 (1980)	12.4 (3.9)	104 (35.5)
7 to 11 years (N=19)	9	30	579 (116)	6.0 (0.8)	4150 (1470)	15.9 (2.8)	104 (14.5)
2 to 6 years (N=9)	12	60	620 (109)	5.1 (0.6)	2200 (570)	19.9 (3.4)	106 (12.8)

AUC<sub>0-24</sub>, area under the concentration-time curve at steady state; CL<sub>T</sub>, clearance normalized to body weight; V<sub>ss</sub>, volume of distribution at steady state; t<sub>1/2</sub>, terminal half-life

No patients 1 to <2 years of age were enrolled in this study. Simulation using a population pharmacokinetic model demonstrated that the AUC<sub>0-24</sub> of daptomycin in pediatric patients 1 to <2 years of age receiving 12 mg/kg once daily would be comparable to that in adult patients receiving 6 mg/kg once