



You are cordially invited to attend a professional lecture
featuring

AVYCAZ[®] (ceftazidime and avibactam) and its use in clinical practice

PRESENTED BY:

David Nicolau, PharmD
South Windsor, CT

Sponsored by Allergan

Thursday, June 27, 2019 at 6:00 PM

Hunters Pub and Steakhouse

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**Please RSVP for this program by using the following link:
<http://www.medforcereg.net/SALG44962>**

For questions contact your Allergan Representative Laura Mitchell Phone: 2057927333

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INDICATIONS AND USAGE

Hospital-acquired Bacterial Pneumonia and Ventilator-associated Bacterial Pneumonia (HABP/VABP)

AVYCAZ (ceftazidime and avibactam) is indicated for the treatment of hospital-acquired bacterial pneumonia and ventilator-associated bacterial pneumonia (HABP/VABP) caused by the following susceptible Gram-negative microorganisms: *Klebsiella pneumoniae*, *Enterobacter cloacae*, *Escherichia coli*, *Serratia marcescens*, *Proteus mirabilis*, *Pseudomonas aeruginosa*, and *Haemophilus influenzae* in patients 18 years or older.

Complicated Intra-Abdominal Infections (cIAI)

AVYCAZ, in combination with metronidazole, is indicated for the treatment of complicated intra-abdominal infections (cIAI) caused by the following susceptible Gram-negative microorganisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Proteus mirabilis*, *Enterobacter cloacae*, *Klebsiella oxytoca*, *Citrobacter freundii* complex, and *Pseudomonas aeruginosa* in patients 18 years or older.

Complicated Urinary Tract Infections (cUTI), including Pyelonephritis

AVYCAZ is indicated for the treatment of complicated urinary tract infections (cUTI) including pyelonephritis caused by the following susceptible Gram-negative microorganisms: *Escherichia coli*, *Klebsiella pneumoniae*, *Enterobacter cloacae*, *Citrobacter freundii* complex, *Proteus mirabilis*, and *Pseudomonas aeruginosa* in patients 18 years or older.

Usage

To reduce the development of drug-resistant bacteria and maintain the effectiveness of AVYCAZ and other antibacterial drugs, AVYCAZ should be used to treat only indicated infections that are proven or strongly suspected to be caused by susceptible bacteria.

IMPORTANT SAFETY INFORMATION

CONTRAINDICATIONS

AVYCAZ is contraindicated in patients with known serious hypersensitivity to the components of AVYCAZ (ceftazidime and avibactam), avibactam-containing products, or other members of the cephalosporin class.

Please see additional Important Safety Information on next page and accompanying full Prescribing Information.



IMPORTANT SAFETY INFORMATION (Continued)

WARNINGS AND PRECAUTIONS

- In a Phase 3 cIAI trial, clinical cure rates were lower in a subgroup of patients with baseline creatinine clearance (CrCl) of 30 to less than or equal to 50 mL/min compared to those with CrCl greater than 50 mL/min. The reduction in clinical cure rates was more marked in patients treated with AVYCAZ plus metronidazole compared to meropenem-treated patients. Within this subgroup, patients treated with AVYCAZ received a 33% lower daily dose than is currently recommended for patients with CrCl of 30 to less than or equal to 50 mL/min. Clinical cure rate in patients with normal renal function/mild renal impairment (CrCl greater than 50 mL/min) was 85% (322/379) with AVYCAZ plus metronidazole vs 86% (321/373) with meropenem, and clinical cure rate in patients with moderate renal impairment (CrCl 30 to less than or equal to 50 mL/min) was 45% (14/31) with AVYCAZ plus metronidazole vs 74% (26/35) with meropenem. The decreased clinical response was not observed for patients with moderate renal impairment at baseline (CrCl 30 to less than or equal to 50 mL/min) in the Phase 3 cUTI trials or the Phase 3 HABP/VABP trial. Monitor CrCl at least daily in patients with changing renal function and adjust the dosage of AVYCAZ accordingly.
- Serious and occasionally fatal hypersensitivity (anaphylactic) reactions and serious skin reactions have been reported in patients receiving beta-lactam antibacterial drugs. Before therapy with AVYCAZ is instituted, careful inquiry about previous hypersensitivity reactions to other cephalosporins, penicillins, or carbapenems should be made. Exercise caution if this product is to be given to a penicillin or other beta-lactam-allergic patient because cross sensitivity among beta-lactam antibacterial drugs has been established. Discontinue the drug if an allergic reaction to AVYCAZ occurs.
- *Clostridium difficile*-associated diarrhea (CDAD) has been reported for nearly all systemic antibacterial drugs, including AVYCAZ, and may range in severity from mild diarrhea to fatal colitis. Careful medical history is necessary because CDAD has been reported to occur more than 2 months after the administration of antibacterial drugs. If CDAD is suspected or confirmed, antibacterials not directed against *C. difficile* should be discontinued, if possible.
- Seizures, nonconvulsive status epilepticus (NCSE), encephalopathy, coma, asterix, neuromuscular excitability, and myoclonia have been reported in patients treated with ceftazidime, particularly in the setting of renal impairment. Adjust dosing based on CrCl.
- Prescribing AVYCAZ in the absence of a proven or strongly suspected bacterial infection is unlikely to provide benefit to the patient and increases the risk of the development of drug-resistant bacteria.

ADVERSE REACTIONS

The most common adverse reactions in cIAI patients ($\geq 5\%$ when used with metronidazole) were diarrhea (8%), nausea (7%), and vomiting (5%). The most common adverse reactions in cUTI patients (3%) were diarrhea and nausea. The most common adverse reactions in HABP/VABP patients ($\geq 5\%$) were diarrhea (15%) and vomiting (6%).

Please see Indications and Usage and additional Important Safety Information on the previous page and [accompanying full Prescribing Information](#).