Pharmacy in the US ...







Prof. Schentag is here to tell us that it is probably the best ...







When did start the story of pharmacist involvement in antibiotic managment?

History

J.J. Schentag, PharmD pharmacokinetics

> G. Drusano, MD infectious diseases

O. Cars, MD resistance R. Noorby, MD epidemiology



W. Craig, MD pharmacology

> P. Tulkens, MD pharmacology

Prof. Schentag is a pionneer pharmacist in antibiotic use optimization!

From PK to prevention of toxicity...

Schentag et al.

Gentamicin tissue accumulation and nephrotoxic reactions. JAMA. 1978 240:2067-9.

Mangione & Schentag.

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Kazierad et al.

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From PK to optimisation of efficacy...

Nix & Schentag.

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Thomas et al.

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Moise-Broder et al.

Pharmacodynamics of vancomycin and other antimicrobials in patients with Staphylococcus aureus lower respiratory tract infections.

Clin Pharmacokinet. 2004 43:925-42.

JJ. Schentag is the father of the AUC/MIC concept !...

Forrest et al.

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Schentag.

Antimicrobial action and pharmacokinetics/pharmacodynamics: the use of AUIC to improve efficacy and avoid resistance.

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Area under the inhibitory curve and a pneumonia scoring system for predicting outcomes of vancomycin therapy for respiratory infections by Staphylococcus aureus.

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Pharmacists and pharmacoeconomics

Paladino & Schentag.

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Clin Infect Dis. 2008 46:505-6

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Budget impact analysis of rapid screening for Staphylococcus aureus colonization among patients undergoing elective surgery in US hospitals. Infect Control Hosp Epidemiol. 2008 29:16-24.

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Pharmacists and antibiotic policies

Schentag.

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Schentag et al.

What have we learned from pharmacokinetic and pharmacodynamic theories?

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Schentag.

Understanding and managing microbial resistance in institutional settings. Am J Health Syst Pharm. 1995 52(6 Suppl 2):S9-14

Clinical pharmacy development

Schentag et al.

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The results of a targeted pharmacy intervention program.

Clin Ther. 1993 15 Suppl A:29-36.

Gresala et al.

A clinical pharmacy-oriented drug surveillance network: II. Results of a pilot project.

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Which type of pharmacist would like to become tomorrow?



