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### **Infectious complications in critically ill patients: focus on clinical, pharmacological and economic aspects**

van Zanten, A.R.H.

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## List of abbreviations

AB	Limited Company on shares (Swedish: Aktiebolag)
ACCP	American College of Chest Physicians
AG	Aktiengesellschaft, (German: Aktien Gesellschaft)
ANOVA	Analysis of Variance
APACHE-II	Acute Physiology and Chronic Health Evaluation II Scoring System
AS	Autosampler
ATS	American Thoracic Society
AUC	Area Under the Concentration-Time Curve
AUC <sub>0→24</sub>	Area Under the Curve during 24 hours
AUC/MIC	Ratio of AUC to MIC
bal	Balance
BAL	Broncho-Alveolar Lavage
BD	Beckton Dickinson
<i>bid</i>	Twice a Day (Latin: Bis In Die)
BMI	Body Mass Index (kg/m <sup>2</sup> )
B-mode US	Brightness-mode ultrasonography
BV	Private limited liability company (Dutch: Besloten Vennootschap)
CI	Continuous Infusion
Cl	Total Body Clearance
C <sub>max</sub>	Maximum Concentration
C <sub>max</sub> /AUC	Ratio of Maximum Concentration to Area Under the Concentration-Time Curve
C <sub>mean</sub>	Mean Concentration
C <sub>min</sub>	Minimum Concentration

$C_{\min}/MIC$	Ratio of Minimum Concentration to Minimal Inhibitory Concentration
COPD	Chronic Obstructive Pulmonary Disease
CRP	C-reactive protein
$C_{ss}$	Serum drug concentration during Steady State
CT-scan	Computerized axial tomography scan
CV	Coefficient of variation
CVVH	Continuous Veno-Venous Hemofiltration
<i>e.c.i.</i>	Of Unknown Origin (Latin: e causa ignota)
<i>e.g.</i>	Example given (Latin: Exempli gratia)
EMV	Eyes, motor, verbal response (Glasgow coma scale)
ENT surgeon	Ear, nose and throat surgeon, Otorhinolaryngology specialist
ESICM	European Society of Intensive Care Medicine
<i>et al</i>	And others (Latin: Et alii)
E-test	Epsilometer test, Quantitative Antimicrobial Susceptibility test
f	Female
FUO	Fever of Unknown Origin
g	Gram
GCS	Glasgow coma scale
GOLD	Global Initiative for Chronic Obstructive Lung Disease classification
h	Hour
HCU	High Care Unit
<i>H. influenzae</i>	<i>Haemophilus influenzae</i>
HIV	Human immunodeficiency virus
HPLC	High-Performance Liquid Chromatography
ICU	Intensive Care Unit
<i>i.e.</i>	id est, in other words
II	Intermittent Infusion
IS	Internal Standard
ISBN	International Standard Book Number
IV	Intravenous

LIST OF ABBREVIATIONS

<i>K. pneumoniae</i>	<i>Klebsiella pneumoniae</i>
Kel	Elimination constant
Kg	Kilogram
L	Litre
LLOQ	Lower Limit of Quantification
<i>M. catarrhalis</i>	<i>Moraxella catarrhalis</i>
M <sup>2</sup>	Square meter
m	Male
mAU	Milli-absorbance units
MDL-artsen	Gastroenterologists (Dutch: Maag-darm-lever artsen)
mg	Milligram
mg/l	Milligram per litre
MIC	Minimal Inhibitory Concentration
MIC <sub>90</sub>	MIC Data For 90% Of Organisms
min	Minute
mL	Millilitre
mm	Millimetre
mmol	Millimole
mmol/l	Millimole per litre
mV	Millivolt
MV	Multivariate Analysis
μmol/l	Micromole per litre
N	Number
Nl	Netherlands
nm	Nanometre
NVIC	Dutch Society of Intensive Care Medicine
NVICV	Dutch Society of Intensive Care Nurses
OR	Odds ratio
PaCO <sub>2</sub>	Partial pressure of carbon dioxide in arterial blood
PaO <sub>2</sub>	Partial pressure of oxygen in arterial blood
PD	Pharmacodynamics
pH	Potential of Hydrogen
PK	Pharmacokinetics
P	Probability

<i>P. aeruginosa</i>	<i>Pseudomonas aeruginosa</i>
PAE	Post-antibiotic Effect
P-value	Probability in statistical test
PVC	Polyvinyl Chloride
R <sup>2</sup>	R-squared
RT	Retention Time
SAPS	Simplified Acute Physiology Scores
SCCM	Society of Critical Care Medicine
SIRS	Systemic Inflammatory Response Syndrome
SIS	Systemic Inflammation and Sepsis Section of ESICM
SOFA	Sequential Organ Failure Assessment
<i>S. pneumoniae</i>	<i>Streptococcus pneumoniae, Pneumococ</i>
SPSS	Statistical Product and Service Solutions (Statistical Package for the Social Sciences)
SXR	Sinus X-ray
t	Time
t	Elimination Half-life
t	Elimination Half-life of the central compartment
t	Elimination Half-life of the peripheral compartments
TDM	Therapeutic Drug Monitoring
<i>tid</i>	Three Times Daily (Latin: Ter in Die)
t-test	Students'T-test
USA	United States of America
UV	Ultraviolet
VAP	Ventilator-Associated Pneumonia
Vd	Volume of Distribution
Vd1	Volume of distribution of the central compartment
Vd2	Volume of distribution of the peripheral compartments
Vol	Volume
<i>vs.</i>	versus
Vss	Volume of Distribution during Steady State
WBC	White blood count
www	World Wide Web

## LIST OF ABBREVIATIONS

X-ray	Röntgen Ray (electromagnetic radiation; wavelength range 10-0.01 nanometers)
X <sup>2</sup> -test	Chi-square test

### Special symbols

°C	Degree Celsius
€	Euro
\$	Dollar
%	Percentage







