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Author: Elena Carrara, Iris Pfeffer, Oren Zusman, Leonard Leibovici, Mical Paul

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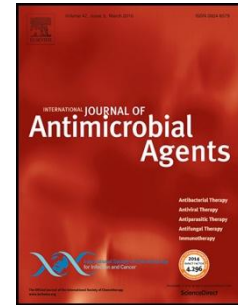
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1 **Determinants of inappropriate empirical antibiotic treatment: systematic review**
2 **and meta-analysis**

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4 **Elena Carrara, #^{1*} Iris Pfeffer,² Oren Zusman,³ Leonard Leibovici,³ Mical**
5 **Paul,⁴**

6 ¹ Infectious Diseases Clinic, Fondazione IRCCS Policlinico San Matteo, Pavia, Italy.

7 ² Department of Epidemiology and Preventive Medicine, Tel Aviv Sourasky Medical
8 Center. Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel.

9 ³ Medicine E, Rabin Medical Center, Beilinson Hospital, Petah-Tikva. Faculty of
10 Medicine, Sackler School of Medicine, Tel Aviv University, Tel Aviv, Israel.

11 ⁴ Institute of Infectious Diseases, Rambam Health Care Campus. The Ruth and Bruce
12 Rappaport Faculty of Medicine, Technion, Israel Institute of Technology, Haifa,
13 Israel.

14

15 **# address correspondence** to elena.carrara@univr.it

16

17 ***Present address:** Department of Infectious Diseases, Verona University Hospital,
18 Piazzale A. Stefani 1, 37126 Verona, Italy.

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20 **Abbreviations:** IEAT inappropriate empirical antibiotic treatment; MDROs multi-
21 drug resistant organisms; GNB gram negative bacteria; CR carbapenem resistant;
22 MRSA methicillin resistant *Staphylococcus aureus*.

23 **Highlights**

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