

# ABSSSI e fascite necrotizzante

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**12° CONGRESSO NAZIONALE**  
CATANIA | 17-18 novembre 2022

**Il sottoscritto Valerio Del Bono ai sensi dell'art. 3.3 sul  
Conflitto di Interessi, pag. 17 del Reg. Applicativo  
dell'Accordo Stato-Regione del 5 novembre 2009**

**dichiara**

**che negli ultimi due anni ha avuto rapporti diretti di  
finanziamento con i seguenti soggetti portatori di  
interessi commerciali in campo sanitario:**

**MSD**

**Advanz**

**Correvio**

**Angelini**

**Biotest**

**Thermo Fischer**

## ***FDA definitions for cSSTIs***

- **coinvolgimento dei piani profondi**
- **manifestazioni cliniche di sepsi**
- **immunodepressione del paziente**
- **necessità di intervento chirurgico**

**An ABSSSI is defined as a bacterial infection of the skin with a lesion size area of at least 75 cm<sup>2</sup> (lesion size measured by the area of redness, edema, or induration)**

# ***Casistica Malattie Infettive AO S.Croce e Carle, Cuneo***

➤ <b>Ricoveri 2019</b>	<b>586</b>
➤ <b>SSTI</b>	<b>59 (10%)</b>
➤ <b>Degenza media rep</b>	<b>10,7 gg</b>
➤ <b>Degenza media SSTI</b>	<b>14,5 gg</b>
➤ <b>DRG medio rep</b>	<b>1,90</b>
➤ <b>DRG medio SSTI</b>	<b>1,42</b>



# ***Score LRINEC (Laboratory Risk Indicator for Necrotizing Fasciitis)***

## ***Indici di laboratorio***

## ***Score ( $\geq 6$ forte sospetto di FN)***

<b>➤ PCR &gt;150</b>	<b>4 punti</b>
<b>➤ GB &gt;15.000 &lt; 25.000</b>	<b>1</b>
<b>➤ GB &gt; 25.000</b>	<b>2</b>
<b>➤ Na <math>\leq</math> 135</b>	<b>1</b>
<b>➤ Creatinina <math>\geq</math> 1.6</b>	<b>2</b>
<b>➤ Glucosio <math>\geq</math> 180</b>	<b>2</b>

# Approccio terapeutico

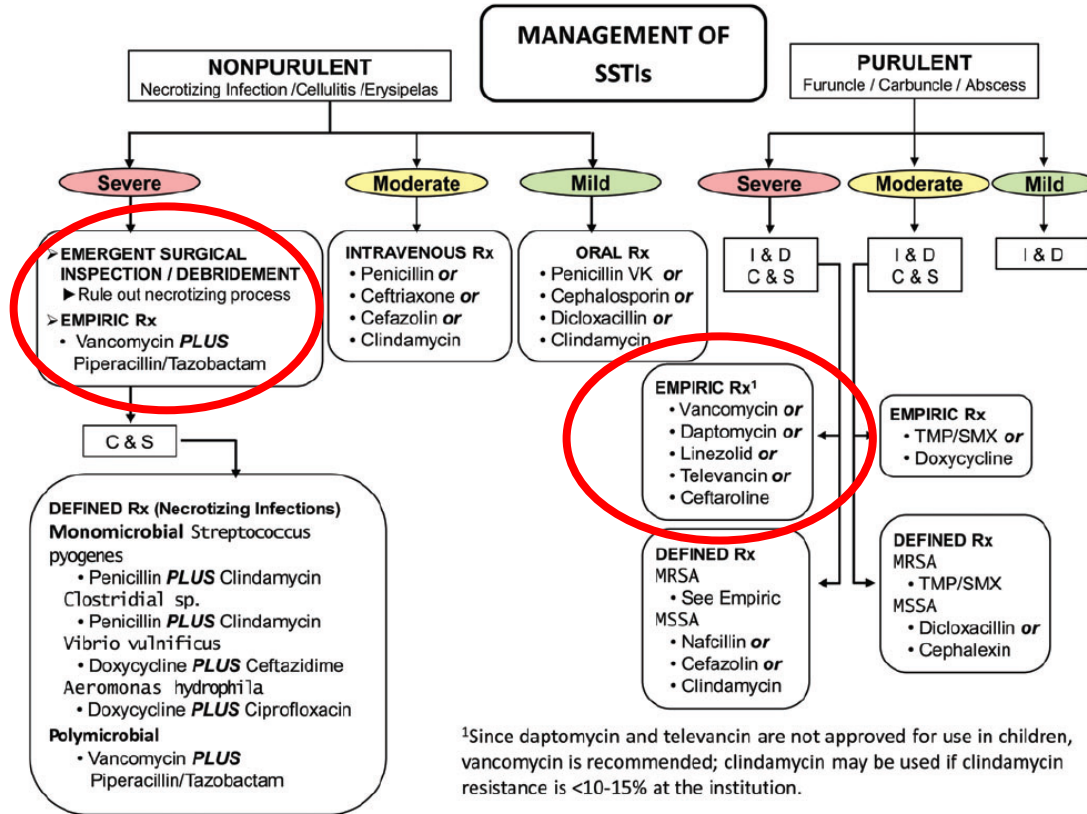
Clinical Infectious Diseases Advance Access published June 18, 2014

IDSA GUIDELINE

## Practice Guidelines for the Diagnosis and Management of Skin and Soft Tissue Infections: 2014 Update by the Infectious Diseases Society of America

Dennis L. Stevens,<sup>1</sup> Alan L. Bisno,<sup>2</sup> Henry F. Chambers,<sup>3</sup> E. Patchen Dellinger,<sup>4</sup> Ellie J. C. Goldstein,<sup>5</sup> Sherwood L. Gorbach,<sup>6</sup>  
Jan V. Hirschmann,<sup>7</sup> Sheldon L. Kaplan,<sup>8</sup> Jose G. Montoya,<sup>9</sup> and James C. Wade<sup>10</sup>





<sup>1</sup>Since daptomycin and televancin are not approved for use in children, vancomycin is recommended; clindamycin may be used if clindamycin resistance is <10-15% at the institution.

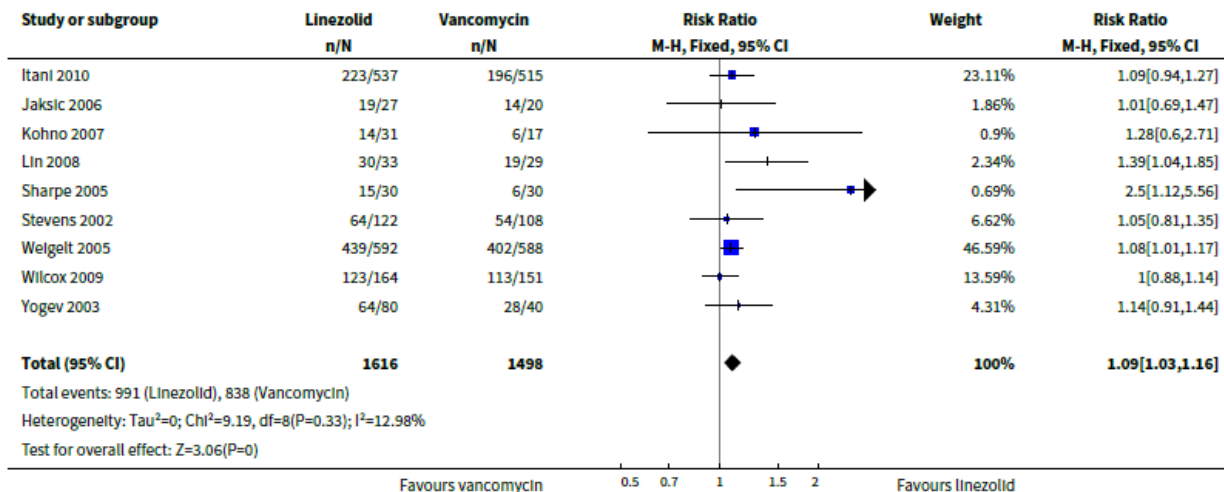
# caveat

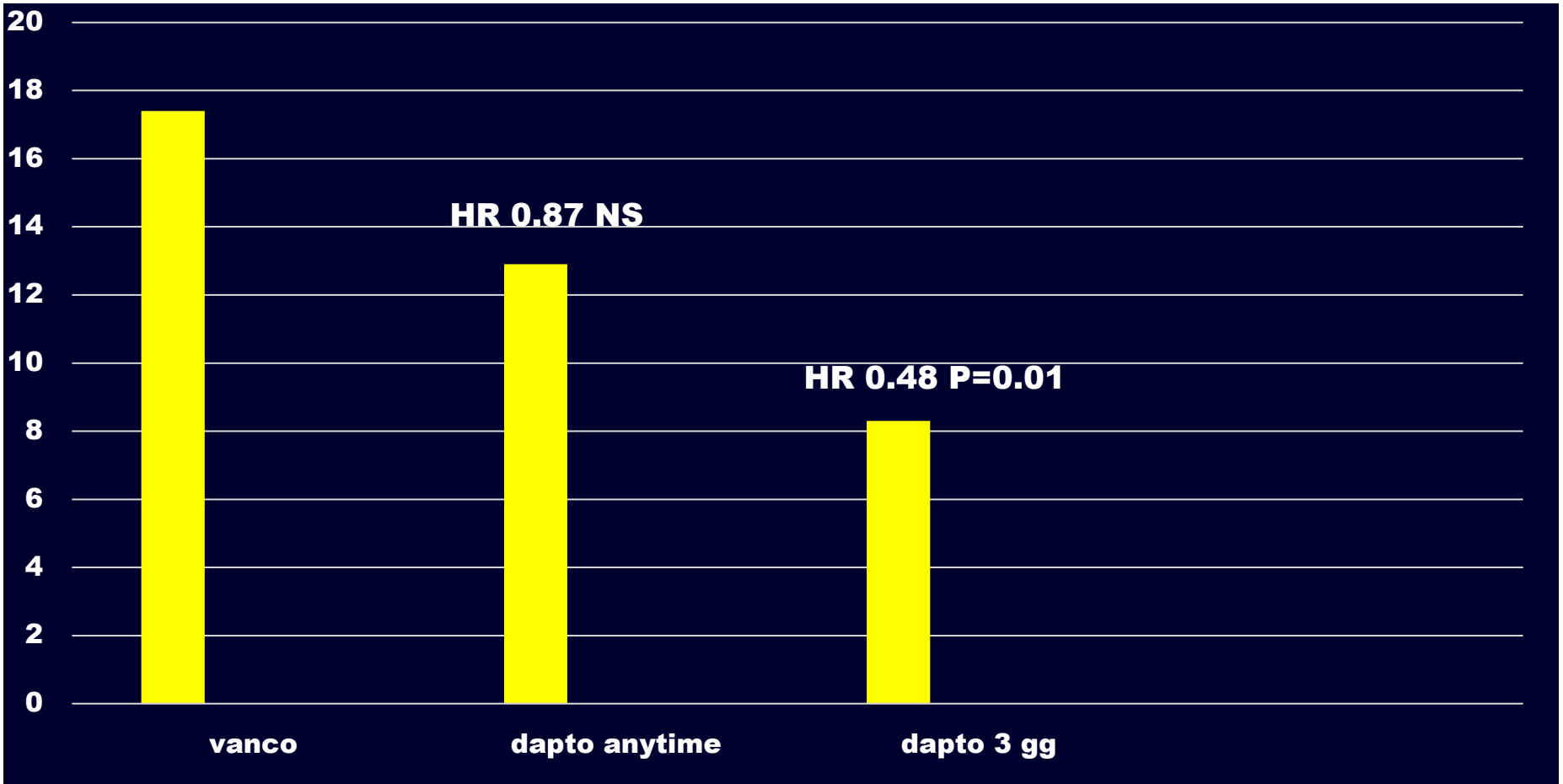
- ***Vancomicina*** bassa batteriocidia, performance inferiore a betalattamici vs **MSSA**, finestra terapeutica ristretta, prevedibile fallimento clinico con MIC per ***S.aureus***  $\geq 1.5$

# Linezolid versus vancomycin for skin and soft tissue infections

*Cochrane Database of Systematic Reviews 2016, Issue 1. Art. No.: CD008056*

## Analysis 1.1. Comparison 1 Clinical cure, Outcome 1 All participants.





<b><i>Drug</i></b>	<b><i>Design</i></b>	<b><i>Comparator</i></b>	<b><i>Main results</i></b>	<b><i>Ref</i></b>
<b>CPT 600 mg BID</b>	<b>RCT, double blind, NI</b>	<b>VAN +ATM</b>	<b>NI reached</b>	<b>Corey, CID 2010</b>
<b>ICL 80 mg BID</b>	<b>RCT, double blind, NI</b>	<b>VAN</b>	<b>NI reached</b>	<b>Huang, CID 2018</b>
<b>DLX 300 mg BID x 3 dd + 450 mg OD</b>	<b>RCT, double blind, NI</b>	<b>VAN + ATM</b>	<b>NI reached</b>	<b>O’Riordan, CID 2018</b>
<b>TZD 200 mg OD 6 dd</b>	<b>RCT, double blind, NI</b>	<b>LZD (10 dd)</b>	<b>NI reached</b>	<b>Prokocimer, JAMA 2013</b>
<b>DAL 1000 mg D1 + 500 mg D 8</b>	<b>RCT, double blind, NI</b>	<b>VAN</b>	<b>NI reached</b>	<b>Boucher, NEJM 2014</b>
<b>ORI 1200 mg single dose</b>	<b>RCT, double blind, NI</b>	<b>VAN</b>	<b>NI reached</b>	<b>Corey, NEJM 2014</b>
<b>OMC IV→oral (100 mg BID LD, then 100 QD, 300 mg orally after 3 dd) OMC oral (450 mg QD x 2 dd, then 300 QD)</b>	<b>RCT, double blind, NI</b>	<b>LZD</b>	<b>NI reached</b>	<b>O’Riordan NEJM 2019  O’Riordan LID 2019</b>
<b>BPR 500 mg TID</b>	<b>RCT, double blind, NI</b>	<b>VAN + ATM</b>	<b>NI reached</b>	

Ceftobiprole Compared With Vancomycin Plus Aztreonam  
in the Treatment of Acute Bacterial Skin and Skin  
Structure Infections: Results of a Phase 3, Randomized,  
Double-blind Trial (TARGET)

*Clinical Infectious Diseases 2021;73(7):e1507-17*

**679 pazienti**

**335 BPR (500 mg x 3)**

**344 VAN + ATM (1g x 2)**

**Primary endpoints**

**FDA: *early clinical response* at 48–72 hrs (20% or greater reduction from baseline in the area of the primary lesion, survival for 72 hours or more from the initiation of the study drug, no unplanned surgical procedures for the ABSSSI after the start of treatment).**

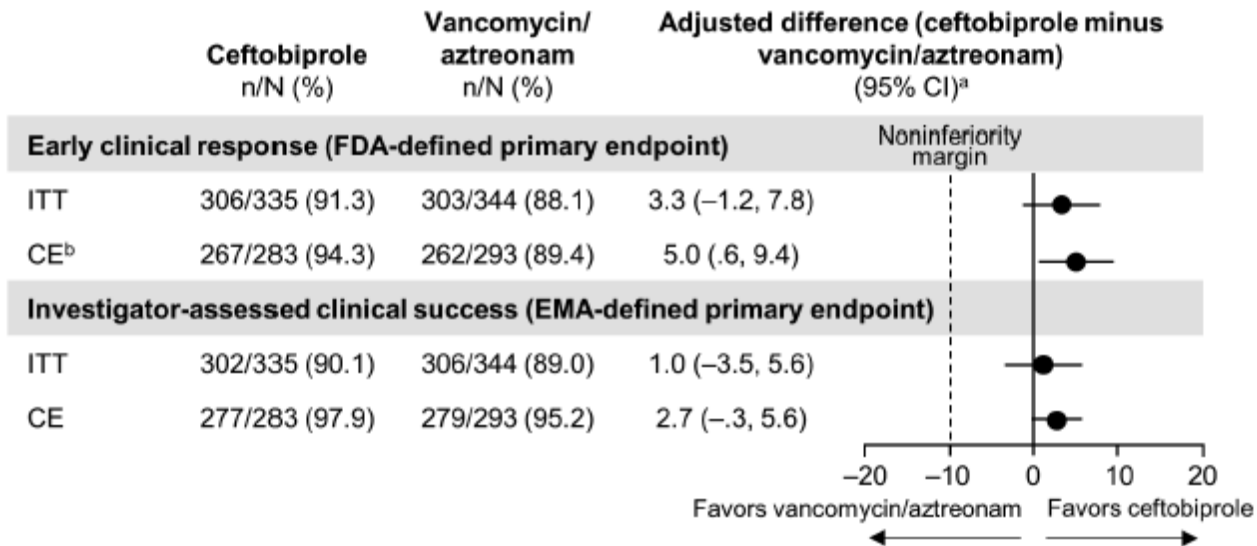
**EMA: *investigator-assessed clinical success* at the TOC visit, both in the ITT and CE populations. Clinical success was defined as complete, or near complete, resolution of baseline signs and symptoms of the primary infection, with no further need for antibacterial treatment.**

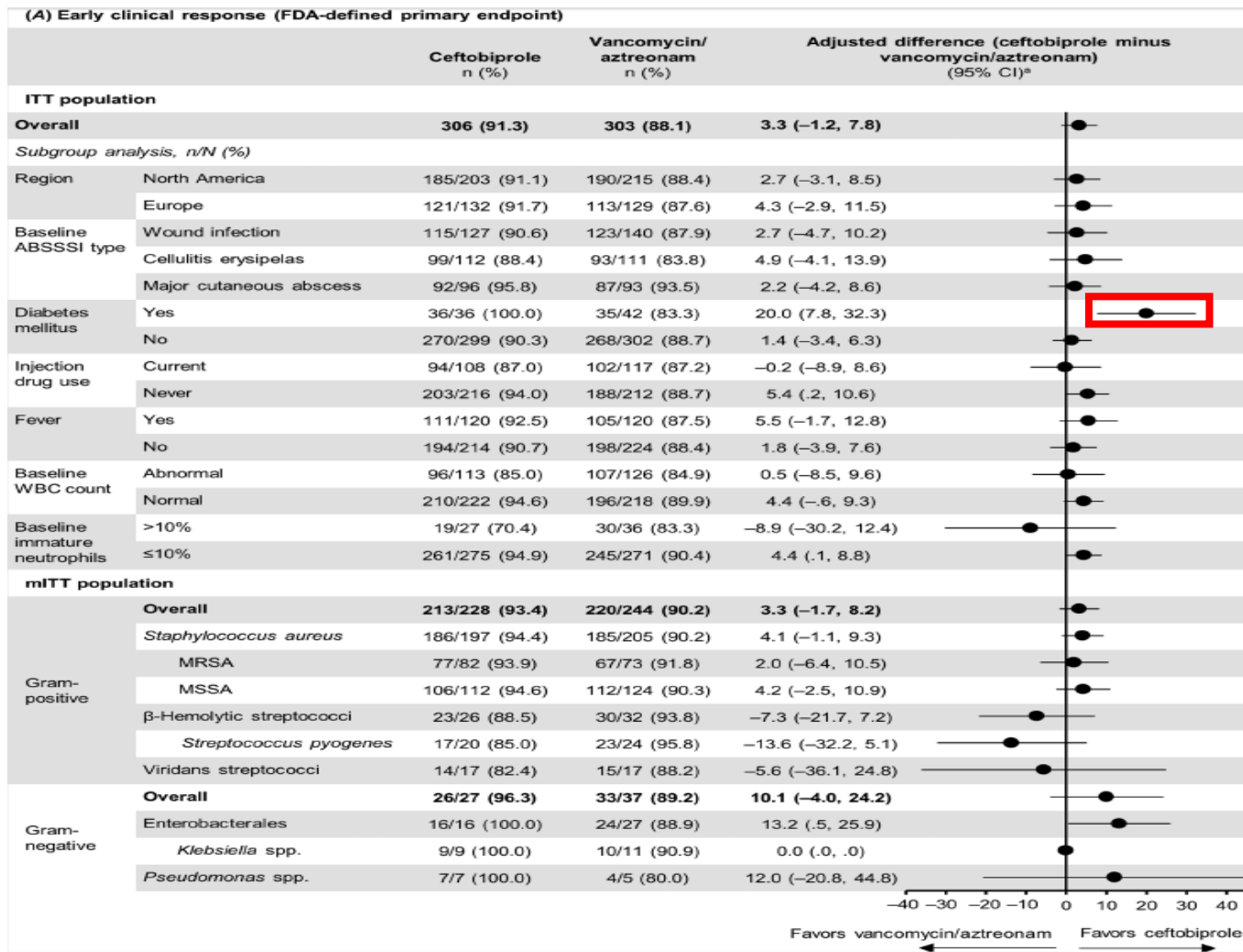
**Secondary:**

**80% or greater reduction in lesion area at the EOT visit and**

**90% or greater reduction at the TOC visit**

**NI margin 10%**







# Terapia empirica per SSTI

*Emocolture o altri esami colturali prima di inizio antibiotico*

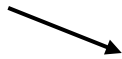
**SSTI non complicata**



Terapia orale (se possibile)  
Amoxi-clavulanico (LZD, TDZ, DLX, CTX,  
DOXI se FR per MRSA)

oppure

Terapia e.v. "leggera"  
Ceftriaxone (amoxi-clavulanico, ampi-sulbactam, cefazolina)



**SSTI complicata, FR per MDR**

(comorbidità, associazione con pratiche assistenziali, FR per MRSA)



**Terapia e.v.**



*Vanco o Teico (??)*, Dapto, Ceftarolina, Ceftribipolo\* +/- copertura per Gram neg e anaerobi (clinda)

*\* Non indicazione in RCP*



**Rivalutazione dopo 3-5 gg, de-escalation, switch per os, Dalba/Orita per dimissione rapida**

# **E le infezioni del piede diabetico?**

- **Possibile utilizzo nuovi farmaci (ceftobiprololo, delafloxacinina) in monoterapia (con switch a terapia orale)?**
- **Oppure long-acting in associazione con anti gram neg?**

***Grazie per l'attenzione!***