B

B

B

B

90%

B [1]

B

[2]

14 19 300

14-30 47% 54%

43% [3]

[4]

( )

( ) [5]

C5a[6]

2

3

[7] Nishijima 30

30

[6] 50

[8]

A

A

[9]

A

/ A

[10]

A

A

A ( ) 5α-

[11]

-- 1979 1

Eady 1991-1995 2853

> >

[6] 2000

50% 20%[12]

ermA ermB ermC erm

23S rRNA [13]

16S rRNA

G-C [12]

B

B B

OTC 1956

B

B 24

72 8-9 [14]

30S

--

B

B

B

B 50

[1]

B

B B

50

B

1. Ronald N. Jones QingLi Bruce Kohut et al. Contemporary antimicrobial activity of triple antibiotic ointment: a multiphased study of recent clinical isolates in the United States and Australia. Diagnostic Microbiology and Infections Disease 2006 54: 63-71.
2. Andrew C. Krakowski Stefanie Stendardo Lawrence F. Eichenfield. Practical Considerations in Acne Treatment and the Clinical Impact of Topical Combination Therapy. Pediatric Dermatology 2008 25(1): 1-14.
3. James Q Del Rosso. Management of Truncal Acne Vulgaris: Current Perspectives on Treatment. Cutis 2006 77: 285-289.
4. Steve S. Oberemok Alan R. Shalita. Acne Vulgaris I: Pathogenesis and Diagnosis. Cutis 2002 70: 101-105.
5. Laine C. Goldman D.R. Bershad S.V. Acne. Annals of International Medicine 2008 149 1 ITC1-13.
6. . . 2004 30(3): 152-154.
7. . . 1996 (6): 371-373.
8. LinksNishijima S Kurokawa I Katoh N et al. The bacteriology of acne vulgaris and antimicrobial susceptibility of Propionibacterium acnes and Staphylococcus epidermidis isolated from acne lesions. J dermatol 2000 27(5): 318-323.

9. Steve S. Oberemok Alan R. Shalita. Acne Vulgaris II: Treatment. Cutis 2002 70: 111-114.

10. . . 2006 29(4): 380-382.

11. Katsambas A, Dessinioti C. New and emerging treatments in dermatology: acne. Dermatologic Therapy 2008 21: 86-95.

12. Nord CE, Oprica C. Antibiotic resistance in Propionibacterium acnes. Microbiological and clinical aspects. Anaerobe 2006 12: 207-210.

13. . . 2006 31 50-52.

14. Hendley JO Ashe KM Eradication of resident bacteria of normal human skin by antimicrobial ointment Antimierob Agents Chemother 2003 47 1988-1990