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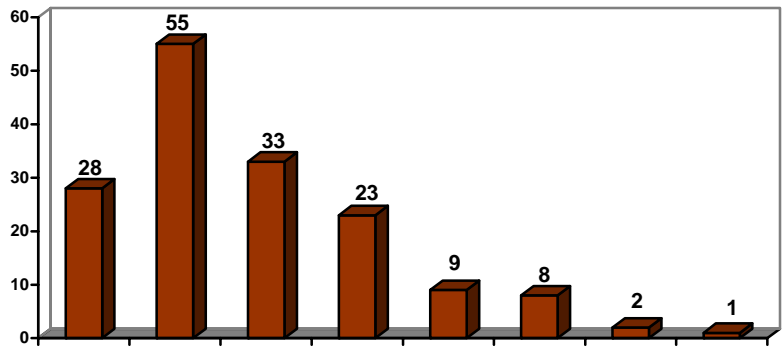
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## **REFERENCES**

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1. Margolis DJ, Bowe WP, Hoffstad O, Berlin JA. Antibiotic treatment of acne may be associated with upper respiratory tract infections. *Arch Dermatol* 2005;141(9): 1132-6.
2. Thiboutot DM, Gollnick HP. Treatment considerations for inflammatory acne: Clinical evidence for adapalene 0.1% in combination therapies. *J Drugs Dermatol* 2006;5(8):785-94.
3. Koneman EW, Allen SD, Janda WM, editors. *Color atlas and textbook of diagnostic microbiology*, 6<sup>th</sup> ed. Philadelphia: Lippincott. 2006; P:764-6.
4. Mallon E, Newton JN, Klassen A, Stewart-Brown SL, Ryan TJ, Finlay AY. The quality of life in acne: a comparison with general medical conditions using generic questionnaires. *Br J Dermatol* 1999;140(4): 672-6.
5. Nishijima S, Kurokawa I, Kawabata S. Sensitivity of *Propionibacterium* acnes isolated from acne patients: comparative study of antimicrobial agents. *J Int Med Res.* 1996;24(6):473-7.
6. Goulden V, Clark SM, Cunliffe WJ. Post adolescent acne: a review of clinical features. *Br J Dermatology* 1997;136:66-70.
7. James WD, Berger TG, Elston DM, editors. *Andrew's Diseases of the Skin Clinical Dermatology*, 9<sup>th</sup> ed. WB Saunders Elsevier. 2006.
8. Oprica C, Emtestam L, Lapins J, Borglund E, Nyberg F, Stenlund K, et al. Antibiotic-resistant *Propionibacterium* acnes on the skin of patients with moderate to severe acne Stockholm. *Anaerobe* 2004;10(3):155-64.

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9. Zaenglein AL, Thiboutot DM. Expert committee recommendation for acne management. *Pediatrics* 2007;119(3):650.
  10. Eady EA. Bacterial resistance in acne. *Dermatology* 1998;196:59-66.
  11. Ochsendorf F. Systemic antibiotic therapy of acne vulgaris. *J Dtsch Dermatol Ges* 2006;4(10):828-41.