Determining Which Acne Medications Prevent the Growth of Staphyloccocus epidermis Most Successfully

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Our project title is Determining which Acne Medications Prevent the Growth of Staphyloccocus Epidermis Most Successfully. It was created by Solunne Fedovskiy, Lily Reilly, and Avi Crosby. We attend Henry W. Grady in Atlanta Georgia, Fulton County. We wanted to investigate how acne medications work and out of the acne medication we have which work the best and prevents the growth of Staphylococcus epidermis. We used agar plates to grow our staff bacteria as well as sterile discs to hold the acne medication. We grew the staph bacteria on the Petri dishes with the acne medication and waited until we started to see results, an approximately 96 hour incubation period. We observed that the three prescription medications we used worked the best at preventing the growth of the staph bacteria compared to the over-the-counter medications/ointments. Conclusively the ingredients found in the prescriptive medications were stronger and more reliable at fighting off Staphyloccocus epidermis compared to the over-the-counter medications.

Awards Won: