



Pre-clinical and clinical studies

You First Services conducts controlled clinical studies as part of our continued focus on innovation and execution. The following are recent pre-clinical and clinical studies conducted at the State University of New York (SUNY) at Buffalo, Buffalo, NY that paved the way for breakthroughs in the effective treatment of xerostomia, or dry mouth symptoms.

CLINICAL EVALUATION

Efficacy of an intra oral spray for patients with xerostomia

Nearly 70% of subjects rated the test product Lubricity better than their usual remedy.

This evaluation targeted a cross-over group in a double-blind, randomized study. The primary study objective was to measure the efficacy of the intra oral spray, Lubricity, in giving patients' mouths a feeling of lubrication/moistness.

The majority of parameters for dry mouth management were rated higher with Lubricity use than in the control.

When the subjects were asked to compare Lubricity to the control for relief of symptoms of xerostomia, they favored the test agent for moistness (lubrication), comfort and relief with the rating being statistically significant.

TEST STUDY

Lubrication of natural tissues with measurement of Coefficient of Friction

Lubricity reduced the overall Coefficient of Friction by over 400%.

This study applied a new tissue-on-tissue lubrication solution to compare the coefficient of friction (CoF) of different commercial saliva substitutes. The technology used in this formulation demonstrated the clinically tested ability of Hyaluronic Acid (HA) molecules in Lubricity to enter and be retained in the extracellular space of epidermis. It also was shown to relieve mechanical tissue stress by reducing painful tissue-on-tissue friction without the continuous need for added moisture.



PREFERENCE SURVEY

Thick vs thin mouth rinses to relieve dry mouth symptoms

More than 65% of the study population recommended the Lubricity formulation over other products and/or placebo.

This study was carried out on subjects experiencing xerostomia to assess each subject's unique experience with the dry mouth condition, and to determine what he/she liked and disliked about each solution. From the study it was observed that the thicker Lubricity formulation provided better lubrication in the majority of the study subjects than thinner formulations.

For scientific questions, please contact bnair@youfirstservices.com

Toll-free 866.265.6105 | lubricityinnovations.com

485 Cayuga Road, Buffalo, NY 14225

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