

New Innovations in Surgical Appliances

New Eye-glass-Mounted Clamp for use after Plastic Surgery of the Nose

The Aufricht Ortho-Nez Spring Clamp Spectacle, a prosthetic device for retaining bone and tissue during recuperation from rhinoplastic surgery, has just been introduced by Bausch & Lomb, Inc., Rochester, N.Y. The device is the invention of Dr. Gustave Aufricht of New York, and is produced by Bausch & Lomb, one of the nation's largest manufacturers of ophthalmic frames, lenses, instruments and machinery.

Ortho-Nez consist of a Plastic eye-glass frame equipped with a spring clamp and two transparent plastic pressure pads. It exerts a consistent, gentle pressure on the affected area, retains and molds bone and tissue until fractures have set and natural repair work completes itself. Ortho-Nez speeds postoperative recovery, and gives the patient a sense of security and comfort during this period.

Until the advent of Ortho-Nez rhinoplasty patients have usually had to wear a Joseph Clamp, or its modifications, consisting of leatherlined metal pads and rigid screw mechanism. This appliance is uncomfortable; therefore it can be worn only for short periods, and due to its conspicuousness, not in public.

Because Ortho-Nez pressure is gentle and constant, the new device can be worn all day without aggravating sensitive tissues. And because it is inconspicuous, hardly

distinguishable from ordinary eyeglasses, Ortho-Nez can comfortably be worn in public. The Ortho-Nez spring clamp can easily be adjusted to give precise fitting and retention characteristics for every patient.

The clamp is constructed of resilient spring steel and has three functional parts: the first vertical extension, the oblique member, and a notched spring-leg to which are attached clear plastic pressure pads. Each of these parts can be adjusted with common tools to provide an accurate setting for each patient's individual needs. Adjustments are performed by the surgeon, who then sends the patients to an ophthalmic dispenser to have lenses fitted.

In addition to its use as a retaining device after rhinoplastic surgery, Ortho-Nez lends itself to the treatment of nasal fractures. A third use for Ortho-Nez, the non-surgical treatment of certain front-view deformities, is being explored on children between the ages of ten and fifteen. Owing to its newness, the good results are anticipated.

The ortho-Nez Clamp is mounted on stylish Ebony-colored Bausch & Lomb frames, one masculine style and one feminine. Eye-size is 46 mm for the masculine and 44 mm for the feminine; temples are $5\frac{3}{4}$ inches, and $5\frac{1}{2}$ inches respectively. Both frames can be worn with prescription or plano lenses, either white or tinted.