

the left pupil being due to irritation of the sympathetic from the same cause.

THE SUBMUCOUS RESECTION OF THE SEPTUM.

In no department of rhinology or surgery as a whole has greater advance been made than in the treatment of deflections of the nasal septum. The older methods which have been as a rule unsatisfactory are being rapidly supplanted by the much more scientific and very successful operation known as the submucous or window resection of the septum.

By this method we are enabled to remove without any destruction of the mucous membrane, deflections of the cartilaginous or bony septum as well as crests or ridges, replacing a bent and distorted septum by one that is quite straight and in which the cartilage and bone which have been removed are apparently regenerated at the same time the patient has complete nasal sufficiency restored.

During the past two years there have been a number of contributions to the literature on the subject, notable among these being:

Freer. The window resection. (*Journal of the American Medical Association*, December 5th, 1903.)

Killian (Die submucöse Feusterresektion der nose scheidewand, *Fraenkel's Archiv. für Laryngologie*, Vol. 16, p. 362, 1904).

(This has since been translated by E. Edwin Foster and appeared in the *Annals of Otology, Rhinology, and Laryngology*, Vol. 14, No. 2, p. 362.)

Hajek (Bemerkung zu der Krieg'scheu Feusterresektion, *Fraenkel's Archiv. für Laryngologie*, Vol. 15, p. 45, 1904).

E. White (Resection of the nasal septum, *Boston Medical and Surgical Journal*, Vol. CL. page 419, April, 1904.)

Spratt (The removal of Septal Spurs and the correction of Deviations of the Septum, *American Medicine*, May 7th, 1904).

Menzel (Zur Feusterresektion der Verkrümmten Nasenscheidewand, *Fraenkel's Archiv.* Vol. 15, page 48, 1904).

Zarinko, ueber die Fensterresektion der Deviatio Septi. (*Fraenkel's Archiv.*, Vol. 15, page 248).

Erhard Mueller (Zür Technik der Fensterresektion, *Ibid*, page 312)
Weil (Ueber die Submucösen Resektionen an der Nasenscheidewand. (*Fraenkel's Archiv.*, Vol. 15, page 578, 1904).

Otto T. Freer (Deflections of the Nasal Septum; a critical review of the methods of their correction by the Window resection, with a report of 116 operations. *Annals of Otology, Rhinology and Laryngology*, Vol. XIV, No. 2, 1905.

William Lincoln Ballenger (The Submucous resection of the Nasal