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GLAUCOMA AND IRIDECTOMY.

GLEANINGS PROM LATE AND RIGH ALTHORITIES

Glaucoma is produced by extensive tension of the eye-ball from venous congestion; by superabandance of fluid within it; by degeneration of

An alarming attack may show itself suddenly, or

onitory and milder ones.

stony hardness), severe pain in the orbit and hall, latation of the pupil, and blindness. All these mations of the eye ball in Br. 142.
Eyes affected by other diseases may become

accomatous and be destroyed, when unrelieved, the same internal pressure as uncomplicated

ucoma.

Glaucoma is the only disease of the eye in which ladonna proves painful, injurious, and even desctive. (I can also add my testimony to the unfulness of this assertion, for I not long since the eye of a patient affected with gonorrheal 443. thalmia, which had become glaucomatous, in elve hours, by the local use of atropine, which mary to usual occasioned the severest pain. Fo. 1 Back effects therefore from the extract of bella-M, or from atropine, should render the surgeon eful in its employment in suspected cases, and rish him a valuable means of diagnosis in those which the symptoms become aggravated. (The produced by it is much more severe and quite ment from that of adherent iris .- Ep.) It acts acreasing the congestion of the veius .- Medical **4, July 3**0, 1864.

good description of the symptoms of glauc ma one, the correctness of which is universally cwledged, is that of Surgeon Hulke, of the al London Ophthalmic Hospital, which may be Am. ed.; but also in braithwaite 203. 202. 202.

ed.

Hertomy, Von Grafe's Operation .- Iridectomy

protrudes through the wound. The incision should not exceed from a fitch to an eight of the whole The iris is next circumference of the cornea. drawn out sufficiently to allow of its purillary margin being excised exterior to the opening. From a quarter to a fifth of the whole iris is now the coats of the arteries and voins of the choroid removed by means of a pair of seissors, and its cut and retina; by increased consistence and discolo-edges are retained at each angle of the incision, ation of the vitreous humour and lens; and by thus expessing to view the edge of the lens. After a induce contraction of the ciliary muscle. (The cause for wound heals, and the anterior chamfiglaucoma probably lies more deeply, and has bee rapidly re-fills. For his mode see Braithwaite et to be discovered.—Ed.)

Bewman's Operation - his surgeon operates in ppear only after a longer or shorter period of pre- a similar manner to Von Grafe, but is satisfied in removing from a seventh to an eighth of the whole The most important and marked symptoms of iris; and selects the upper part of the corner for baccoma are increased hardness of the eye-ball the incision, that the lid coming down upon the eye may act as a substitute for the iris, and hide its imperfection. He does not retain the edges of the hy be relieved and the eye saved by the timely opeiris in the wound, but permits them to re-enter the
tion of iridectomy, which proves most beneficial eye; and, unlike other surgeons, is unwilling to
then performed early, and in acute cases. Bowallow any effusion of blood into the anterior chamthen performed early, and in acute cases. Bowallow any effusion of blood into the anterior chamangives some excellent remarks on digital exa- ber to remain to be absorbed. He describes his

mode in Braithwaite 1, and 1. Critchett's Operation.—This consists in the introduction of a broad needle through the cornea close to the sclerotic, and after the evacuation of the aqueous humour, in drawing out a portion of the iris through the opening by means of a blunt hook, where it remains and acts as a tent, for several days, to drain away the fluid and prevent the wound from healing. Br., vol. 37, pp. 268, 273, and

Huncock's Operation .- Hancock, bolding that glaucoma depends on constriction of the globe produced by spasm of the citiary muscle, divides the latter by introducing a catacact knife at the outer and lower margin of the cornea, pushing it ob-liquely backwards and downwards until the fibres of the sclerotic are divided for rather more than an eighth of an inch, being careful to avoid the wounding of the lens with the point of the knife. This he contends, without being as painful or injuring the iris, is equally as successful as Von Grafes operation for the cure of glaucoma. Br. 4.4. A poor picture of his made may be found in Hogg's work on the ophthalmoscope, p. 40.

Nunneley's Operation .- This is the same as Hancock's, but commencing posteriorly, he inserts the best in Rankin vol. 2nd of 1860, p. 148 of knife into the sclerotic, and cuts forward into the cornea, making an incision about a third of an inch in length. Br. 4.4.

Rationale. Laurence, speaking of our ignorance his in the section of the cornen, as for cataract, on this subject, truly remarks,-" Whilst nearly the removal of a portion of the iris. It is here every other surgical operation has some tangible ed with an ordinary cataract knife, which is reason to exhibit for its performance, irid ctomy ned at the margin of the cornea at the outer stands almost alone in the atter insufficiency of the of the eye, and, a counter puncture being various fir-fetched explanations that have, up to upwards, the knife cuts its way out, the the present been assigned for its assumed effici ncy bus humour escapes, and a portion of the iris for the cure of glaucoma. W. E. B.