Hindsight Is 20/20: A Review of the Archives

Lauren Colwell
University of Massachusetts Medical School

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Eyes to the Past

WELCOME!
Hindsight is 20/20

Lauren Colwell, MS4
October 2019
TRIVIA!
Which came first: the intraocular lens or contacts?
TRIVIA!
Which came first: the intraocular lens or contacts?
Clumsy Specs Eliminated by Small Invisible Eye Glass

The concave curvature of the lens permits it to rest without irritation over the eyeball.

The eyeglass, worn as shown above, fits snugly under the eyelid and is easily inserted or removed by the user.

Invisibility is the glasses' chief feature. They cannot be seen on the man in the photo above.

Awkward and all-too-conspicuous spectacles may in time go the way of ear trumpets and bustles when the diminutive and invisible eyeglasses shown in the photos above, an invention of Prof. Dr. L. Heine of Kiel, Germany, come into widespread use. The glass is a thin curved lens that is worn monocle fashion beneath the eyelid in the horny coat of the eye. It can be inserted or extracted by the patient.
Large contact lenses

- 1945, plastic
- 35,000 people wearing them in 1948
PRACTICAL OBSERVATIONS
on the
FORMATION
of an
ARTIFICIAL PUPIL,
in several deranged states of the
eye;
to which are annexed,
Remarks
on the extraction of soft cataracts,
and those of the
membraneous kind,
through a puncture in the cornea.
Illustrated by plates.

By
BENJAMIN GIBSON,
Vice-President of the Literary and Philosophical Society
of Manchester, and
Surgeon to the Manchester Infirmary.

London:
Printed for Cadell and Davies,
in the Strand;
by
ENK, WARRINGTON.
1811.
Ali ibn Isa of Baghdad
(cir. 940-1010 A.D.)
Memorandum of a Tenth Century Oculist

Ali ibn Isa of Baghdad (cir. 940-1010 A.D.)

Liquorice. (Dioscorides.)

Squill. (Dioscorides.)

Pennyroyal. (Dioscorides.)

Styrax. (Dioscorides.)
Medieval Cataract Needles (After Hirschberg). See descriptive text in this Chapter.

Medieval Ophthalmic probes and stylets. From the collection of Dr. Max Meyerboel (Cairo). Those marked * are early Arabic.
Glass orbital implants called "Mules" spheres
Plastic prostheses
In the whole history of medicine there is no more beautiful episode than the invention of the ophthalmoscope,”

Edward Loring in his Textbook of Ophthalmology in 1892
Morton ophthalmoscope, 1883

Early electrical ophthalmoscope, 1885
Dr. Jaeger, E. (1869)
Ophthalmoskopischer Hand-Atlas
Glaucoma

Lamina cribrosa in glaucoma
AND TABLES TO COMPARE DATA
Retina detachment
Chorio-retinal atrophy

Bone spicule-shaped pigment deposits caused by retinitis pigmentosa


Keeler CR. The Ophthalmoscope in the Lifetime of Hermann von Helmholtz. Arch Ophthalmol. 2002;120(2):194–201. doi:10.1001/archopht.120.2.194
7 ŧ ե Բունդար հարավ ՄԱՐ
TRIVIA!
When were glasses invented?
TRIVIA!
What is this used for? When was it invented?

1917
יֵעַלְתִּי נַעֲרֵי יִשְׂרָאֵל
Electric magnet for intraocular foreign bodies.

Used by Dr. Birge 1940

Front: Magnet probe for corneal foreign bodies
1910 - 1930 Dr. Waite

Hartford Medical Society
Emily Dickinson's eye pain