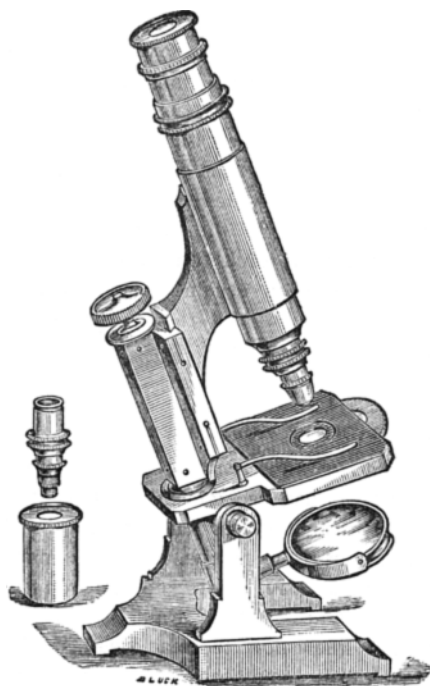


NEW PREPARATIONS AND SCIENTIFIC INVENTIONS.

A New Medical Microscope.



The choice of a microscope is an important matter to the medical student, because of the difficulty of getting a good one for histological purposes, and of changing an unsuitable one once it is bought. Most prefer Hartnack's model, or one of its English imitations, but so far, in the opinion of competent judges, the latter cannot be compared with the former. There is, however, a medical microscope made by Messrs. Parkes & Son, of Birmingham, which is an exception to this rule.

After a full trial of its powers, extending over a considerable time, I can say with confidence that I do not know any English or Continental microscope which at all approaches it at the same price.

1. It is equal to Hartnack's in the definition and other qualities of its objectives.
2. The stand is stronger and more durable.
3. The objectives can be changed without the trouble of screwing and unscrewing.
4. There is no dispersion of light after it reaches the hole in the diaphragm, as the latter is made to slip up flush with the surface of the stage.
5. The field is very large (without sacrificing definition), and flat to the edge.

The powers furnished with this instrument are a $1\frac{1}{2}$ and $\frac{2}{3}$ inch combination, and a $\frac{1}{6}$ th, which, with the respective eye-pieces, A and B, give a magnifying power ranging from 30 to 558 diameters.

There is also a graduated draw-tube; and a scale of magnifying powers is supplied with each instrument.

The whole is packed in a polished lock-up mahogany box, furnished with a leather handle, which makes it very portable.

The objectives, instead of having to be screwed up in brass boxes, fit into a leather-lined compartment of the box itself.

The accompanying woodcut will give an idea of the form of this instrument.

I have thought it right to bring an instrument which has given some of my medical friends and myself the greatest satisfaction, under the notice of the readers of this Journal, as the makers do not advertise, preferring to let their microscope make its way by its own merits.

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Impermeable Gloves.

These impermeable films of India-rubber may be most strongly recommended both for the purposes of general practice, of accouchement, and of the dead-house. Instances are now almost beyond counting in which medical men have performed *post mortem* examinations on subjects pregnant with infected poisons, and have themselves been infected and subsequently suffered severely, and in many cases fatally, from pyæmia. Likewise, in the course of accouchements, many a practitioner during vaginal examination has become infected and suffered permanently for the rest of his life. It would be a very wise precaution if practitioners should decide invariably to use the impermeable glove when making *post mortem* examinations, and in all doubtful cases of vaginal examinations. The makers of these gloves are Cow Hill and Co., of Cheapside. Although impermeable, as their name implies, the gloves are of a filmy thinness, so that they do not interfere with the delicacy of touch, and their use is, we believe, compatible with a very delicate perception of surface.—*Lond. Med. Record*, May 15, 1879.

Perfumed Iodoform.

A solution, which was presented at the Dublin Pharmaceutical Conference, was prepared by shaking tincture of iodine with a fragment of fused potash, until the colour was removed, and covering the odour of the iodoform produced by the addition of eau de cologne or lavender water. Lint dipped in this solution and afterwards dried, proved a pleasant and efficient application to indolent sores.—*Lond. Med. Record*, May 15, 1879.