

face of the powder with a disk of paper, and pour upon it a sufficient quantity of the menstruum until the liquid begins to drop from the percolator; then close the lower aperture with a cork, and cover closely, and set aside in a moderately warm place for four days, after which the cork should be removed, and more menstruum added until thoroughly exhausted, the first twelve ounces being reserved, and the balance to be evaporated to four fluid ounces, and mixed with the reserved portion, and after standing a few days should be filtered through paper. This preparation is but little used in our locality, and I believe but little used anywhere else, but makes an excellent preparation to prepare calabarized paper or calabarized gelatin.

Tinctura Physostigmatis.

Take of Calabar Bean in moderately

fine powder	4 troy ounces.
“ “ Alcohol (95 per cent.)	24 fluid “
“ “ Water (distilled)	8 “ “

Mix the alcohol and water; moisten the powder with two fluid ounces of the menstruum; pack in a conical glass percolator, and cover the surface of the powder with a disk of paper, and pour six fluid ounces of the above menstruum on it; cork, and cover the percolator closely, and allow it to remain in this condition four days, after which remove the cork, and proceed with the percolation and with the same menstruum until two pints of tincture are obtained, which will be found sufficient to thoroughly exhaust the bean. Some of the formulas which have been published for making this preparation contain a much larger proportion of the bean. My object in making it four troy ounces to the quart of tincture is so that it will conform in the proportion of solid material with most other tinctures.

Calabarized Paper.

This is readily prepared by taking paper deprived of its size—thin letter-paper, not ruled, is the best—and the size got rid of by boiling in water and drying. By dipping the paper three or four times in the fluid extract, of which I have given you a formula, and drying it after each immersion, the paper will be impregnated with a sufficient amount of the extract to perform the necessary service when applied to the eye. This plan of obtaining the effects of Calabar bean is objectionable, by being inconvenient, as it necessitates the removal of the paper subsequently. Calabarized gelatin is a much preferable preparation, and I would recommend the following formula:—

Calabarized Gelatin.

Gelatin	30 grains.
Water (distilled)	2 fluid ounces.
Glycerin	gtt. xx.
Fluid extract <i>Physostigma</i>	mc.