MERCER. (A.C.)

A method of using with ease objectives of shortest working-distance in the clinical study of bacteria. *

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A METHOD OF USING WITH EASE OBJECTIVES OF SHORTEST WORKING DISTANCE IN THE CLINICAL STUDY OF BACTERIA.

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THE working distance of homogeneous immersion objectives of short focus and great numerical aperture is little. In the clinical study of bacteria, sputa and other more or less fluid material are generally prepared on the under surface of cover-glasses, commonly, when not measured and assorted, so thick as to make examination with the above most suitable objectives impossible.

To avoid this difficulty I dry and stain the material on the slide, drop homogeneous immersion fluid upon the preparation and lower the objective into the drop. Homogeneous fluid replaces the cover-glass with optical propriety.

A twenty-fifth, which has been nearly useless over ordinary cover-glass preparations, is now used with gratifying freedom in manipulation over uncovered, but homogeneously immersed, slide preparations.

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