

TUBE NO. 1.—Inoculation with fifteen scalers from my own instrument case. My method of sterilization was to wash in very hot soapsuds, after which instruments were dipped in hot formaldehyd solution, 1 to 250, wiped dry, and put away.

*Test Report of Dr. Carpenter.*—I append results of examination of bouillon culture in test tube No. 1, submitted by you. There was found a luxuriant orange-colored growth. Microscopical examination shows it to be a sarcina, evidently the *Sarcina aurantia*.

TUBE NO. 2.—Inoculated with sixteen scalers from operating case of Dr. A. His method of sterilization is to wash in hot soapsuds only, except upon occasions when specific infection is feared. In such case an antiseptic, usually three per cent. pyrozone, is used.

*Test Report of Dr. Carpenter.*—Found fair yellow-colored growth. No odor. Zooglear masses. A very small coccus. Evidently not a pus coccus.

TUBE NO. 3.—Inoculated with set of five scalers from operating case of Dr. B. Method employed in cleansing not stated.

*Test Report of Dr. Carpenter.*—Found luxuriant white growth. No odor. Green mould on top. Microscope shows mixture of large cocci, both staphylococci and streptococci. No pus organisms.

TUBE NO. 4.—Inoculated with twenty scalers from operating case of Dr. C. His method of sterilizing is to wash in hot soapsuds unless specific infection is suspected; in such cases with pyrozone.

*Test Report of Dr. Carpenter.*—Found good growth. Foul odor. Contains the *B. proteus* and a large coccus, not a pus coccus.

TUBE NO. 5.—Inoculated with seven scalers from operating case of Dr. D. His method of sterilization is to dip points into three per cent. Oakland Chemical Co.'s peroxid. Then into four per cent. formalin solution. Wipe dry.

*Test Report of Dr. Carpenter.*—Found slight growth containing staphylococci and streptococci. Not characteristic of pus organisms.

TUBE NO. 6.—Inoculated with five scalers from operating case of Dr. E. Method of cleansing not stated.

*Test Report of Dr. Carpenter.*—Found green mould on top. Luxuriant white growth without odor. Contains a large streptococcus and an actively motile bacillus. Evidently not pathogenic organisms.