

efficiency of this machine has been made in disinfection in Ottawa and in Picton. Swabs exposed in rooms undergoing disinfection have been afterwards sent to the Laboratory of the Provincial Board and tested for living bacteria.

In the Ottawa samples growths were obtained after exposure. In the Picton samples no growths were obtained.

In regard to the Sanitary Construction Company's machine this criticism may however be offered. In unskilled hands it has been apt to get out of order and the exit pipe has become plugged with paraformaldehyde and in one or two instances explosions have occurred.

The methods of formaldehyde disinfection which are in use at present are as follows :

1st. The production of formaldehyde by the partial combustion of methyl alcohol. This method has given good results in some hands but very poor result in others and is open to the objection that there is a considerable waste of material and it is difficult to contrive the conversion of the alcohol into the aldehyde so as to get the greatest possible yield of the latter. It has largely given way to the methods which use the 40% formaldehyde solution.

One of them which has been extensively experimented with and used in Europe is the Trillat autoclave. In this apparatus an attempt is made to obviate the troublesome tendency of the gas to polymerize by adding to the solution a neutral salt such as calcium chloride and a pressure of $3\frac{1}{2}$ atmospheres is used. Some exceedingly favorable reports have been published in regard to this machine, but in other hands it has not given such good results.

Your committee hopes to be able to make some tests with one of these autoclaves at present used by the Hospital for Sick Children in Toronto. It would have been tested before, but has got out of order through plugging with paraformaldehyde.

The Sanitary Construction Company's machine has been alluded to.

Another method has been suggested by Aronson, of Berlin, and has been used somewhat. This uses the paraformaldehyde compound

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Another in alcohol with hands has given

Finally the methods which method of disinfection committee proposed in a room a sh

Apparently in the hands there is In careful hands give good results them can be ab

Your committee disinfection and Sanitary Construction Company a

Dr. ROBILLON you in this report The formaldehyde solution. We let on a piece of paper dehyde gas. No by the sanitary in quantity would be that the test of the satisfactory. So seem to have been used the forty per the positive destruction directions for the