

3. Those nearly or quite worthless: Iodoform, basic anilin coloring-matters, borax, boracic acid, dermatol, eucrophen, chlorid of lime, peroxid of hydrogen, soziodol salts, iodol, tincture of iodine, spirits of camphor, naphthalin, etc.

The attempt to apply these results to practice was first made with the bichlorid of mercury, which has been used since 1890 in some four hundred to five hundred cases, first in the form of small tablets, having the composition :

Sublimate, 0.01 gram ;	Sublimate, 0.01 ;
	or
Boracic acid, 0.02 gram ;	Common salt, 0.02.

The pulp having been completely devitalized, the pulp-chamber was thoroughly opened and cleansed, and a tablet applied and slightly crushed with an amalgam plugger, moistened with water and covered with a layer of tin foil (I now use gold foil), and the amalgam or cement filling immediately inserted. In about thirty per cent. of the cases severe pain occurred on the day following the application, and on account of this disagreeable symptom these tablets were abandoned and the following substituted :

Sublimate, 0.0075 gram ;
Thymol, 0.0075 "

These are applied in the same manner. The thymol being chiefly designed to prevent the sublimate being so rapidly absorbed, besides giving a greater permanency to the application, by reducing its solubility. Very seldom, so far, has pain followed the use of these tablets, while experiments out of the mouth show that they still possess sufficient penetrating power.

Another combination employed is :

Sublimate, 0.005 gram ;
Thymol, 0.005 "
Tannin, 0.005 "

This combination is somewhat empirical, though the design of the tannin will be apparent to everyone. The combination does not penetrate as rapidly as No. 2, and discolors the tooth more.

Cyanide of mercury has also been employed in combination with thymol, in the following form :

Cyanide of mercury, 0.0075 gram ;
Thymol, 0.0075 "

Also the salicylate of mercury in the same form. This I think deserving of a trial. Its sparing solubility justifies the belief that its action will be more permanent than that of sublimate. The