

even if you boil for an hour, and pour gallons of boiling water into the case, you can never cleanse them of foreign matter which not even boiling water will remove.

Now after you have picked out all the wax possible, just run into the joints thin plaster of Paris, and wait till it hardens. *Then* you may pour on your boiling water to remove the vestige of the wax ; but neither the wax nor the water can get between the joints, and neither can the rubber. It is not the rubber that dirties the joints. It is the wax, and the foreign matter in the wax which you run into them when you think you are running it out.

---

## Translations.

---

(*From Foreign Dental Journals, etc., etc.*)

---

By CARL E. KLOTZ, St. Catharines.

---

**NITROUS OXIDE WITH A SMALL PERCENTAGE OF OXYGEN ADDED.**—In a splendid work on anæsthetics and their administration Dr. Hewitt says: "Generally the admixture of oxygen with nitrous oxide for anæsthetic purposes is not permissible, and the narcosis obtained by the nitrous oxide alone is in most cases sufficient." By experiment and observation in the last few years it has been found that, in a number of cases, better results have been obtained by adding a small percentage of oxygen to the nitrous oxide. Many operators will look with disfavor on this practice. I will therefore give you a table of comparisons between the two methods, the one giving results and effects under anæsthesia with pure nitrous oxide, and the other with the mixture :

*Pure Nitrous Oxide.*

1. Requires a simple apparatus and little practice and experience.
2. Patient quickly under the influence.
3. Face becomes pale and slightly bluish in color.
4. Respiration labored and irregular, mostly snoring and stertorous.

*Nitrous Oxide mixed with a small percentage of Oxygen.*

1. By using the mixture you require a complicated apparatus, and a great deal of practice in using it.
2. Patient not so quickly under the influence.
3. Face undergoes very little or no change of color.
4. Respiration quiet and regular, slight snoring sometimes, but never stertorous.