

"I found that a great many of those afflicted with gingivitis also suffered from diabetes. Finally I discovered that in all patients affected with interstitial gingivitis, of systemic origin, syphilis, either inherited or acquired, could be traced, and that in spite of careful and thorough surgical and dental treatment a permanent cure could not be effected until the patient was subjected to a course of anti-syphilitic treatment."

The diagnosis cannot always be satisfactorily made from the history of the case, but "fortunately there are ways of determining the existence of syphilis independently of any history the patient may give. Syphilis never invades the system unaccompanied by telltale signs of its presence. The most important and reliable of these signs are first,* the eschar of Curtis, which may be seen upon the surface of the gums, cheeks, tonsils, pharynx, and sometimes upon the cornea and sclera; and, second, the syphilitic spores which the microscope reveals in the freshly-drawn blood. The latter sign is of special importance because the presence of the spores is not only positive evidence that the suspected disease exists, but their disappearance, later, under the influence of appropriate treatment, is indisputable proof that the specific poison has been eliminated, and, consequently, that the treatment may be safely discontinued."

"Since diabetes is never a disease *per se* but merely an occasional accompanying symptom of sequela of syphilitic infection, the best treatment is that which will most readily and thoroughly eliminate the specific poison which caused it."

The most reliable and satisfactory treatment is that supplied by electro-ozonation. A brief outline-description of the apparatus which supplies electro-ozone is given. It "consists, practically, of an ozone generator, fed by a high tension coil, which multiplies the voltage of the commercial current a million or more times and practically eliminates all amperage. To the generator is attached brushes or corrugated wires, from which ozone is generated in large quantities, and, by a wire coil, a Geisler or other vacuum tube is connected, through which ozone is forced into and through the body.

Connected with the apparatus is an electric cabinet which generates light and heat coupled with ozone.

Although treatment by electro-ozonation, alone, is able to eliminate every vestige of syphilitic taint from the system, still, in order that the patient may have the benefit of the eliminative effects some drugs are able to produce, such alternatives as mercury and iodide of potash and such tonics as iron and veratrum viride are generally prescribed in addition.

* This infallible diagnostic sign of syphilis was discovered by me over fifteen years ago. I fully described it in a paper entitled, "Syphilitic Localosis Alveolaris," which was read before the American Medical Association in 1898.