

# DOMINION DENTAL JOURNAL.

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## Original Communications.

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### Uses for the Oxysulphate of Zinc.

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The oxysulphate of zinc is a material which, as far as I have been able to ascertain, is not as extensively used as, in my opinion, it deserves to be. I personally make such constant and diversified use of it in my practice, and find it for certain purposes so superior to other materials that I am inclined to believe that a few notes concerning it might be of service to the readers of the DOMINION DENTAL JOURNAL who have not made a trial of the material.

The preparation which I make use of is known as Fletcher's Artificial Dentine. Recently other preparations of similar nature have been introduced here in Berlin. I am not acquainted with the preparations on the market in America.

The one I use consists of a white or yellowish-white powder, oxide of zinc, and a syrupy, opaque liquid, whose exact composition I am unable to give. As I have been informed by the manufacturer, "the artificial dentine is an oxysulphate in the same sense that the oxychlorides are oxychlorides; the hydrochloric acid in the basic compound is replaced by sulphuric acid, and it is really a basic sulphate of zinc with a small proportion of free oxide."