



**Japan Association
of Microscopic Dentistry**

The 20th Annual Meeting & Scientific Session Dental Hygienist Symposium

President of the 20th JAMD Annual Meeting : Yoshitsugu Terauchi

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Periodontal Treatment That Can Be Done Because It Is Visible

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I have been in clinical practice for about 22 years under the supervision of my periodontist, learning about periodontics on a daily basis, following the guidelines of the Japanese Society of Periodontology. About 8 years ago, I changed my job and added "microscope" to periodontal treatment. By being able to see, I have a better understanding of what is described in the literature that I could not see with the naked eye, such as the ability to see the effect of each instrument on the cementum. This helped me to realize how important it is to follow a basic approach in the use of instruments. In addition, we can now see the patient's plaque control status and plaque retention factor with certainty, and we can also devise a better approach to the operation of the instruments by seeing the tartar characteristics with certainty. The "visible periodontal treatment" with the microscope allows for more strategic and minimally invasive approach to the goal of stabilizing the condition, including active patient participation in treatment, timing of tartar removal, appropriate tartar removal approach with correct instrumentation, and choice of instruments. It can be done in a minimally invasive manner.

In this symposium, we would like to share tips and tricks on how to make the best use of the microscope and follow the guidelines for periodontal treatment.