

## Precision Dentistry resulting by microscopes

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It is the most quantum leap in my clinical Dentistry in the dental treatments by working under a microscope encountered 17 years ago.

And nowadays when a microscope became common in dentistry, it is no longer a tool to visualize treatments but its main theme is shifted to its fluent use which can reflect the precision resulted from the magnification. To have extreme results in Aesthetic treatments and to minimize the intervention, precision beyond working under the naked eyes is mandatory. To lower a gap in marginal fitting of prosthesis, to preserve as much sound tooth enamel structure, to maximize the smoothness between a tooth structure and filling materials, all of those became too difficult to achieve without a microscope. In addition, the field that was invisible under naked eyes such as Endodontic treatments, a microscope enables visualize and treat-able those infection sources that underlies within the complicated anatomical forms. And adapting other tools like CBCT and OK micro-excavator instruments broaden the treatment options and enable to save those hopeless teeth which were diagnosed for an extraction under a conventional dentistry.

On the other hand, the one of the important treatment category in the field of Endodontic, the vital pulp preservation therapy had been dramatically changed by the presence of a microscope. Precise removals of the sight specific infected dentin under a magnified view would enable to preserve the vital pulp which was considered as nearly impossible to preserve under the standard of conventional dentistry.

Like all of the above been said, a microscope is not just a tool to see bigger but to use it fluently would have a potential to make our hands as a "God hands". Today, all of my dental treatments are performed under a microscope and I wish to talk to you the know-how of it through my clinical cases.

## Education

In 1976, Graduated from Meiji University with BA degree in Economic

In 1986, graduated from Iwate Medical University, school of Dentistry

In 1993, Opened Okaguchi Dental Clinic in Tokyo

-Director of SJCD Tokyo

-Instructor of microscopic Dentistry in SJCD Tokyo

-Member of Japan Endodontic Association Kanto region

-Supervisory Doctor of Japan Academy of Clinical Dentistry

-Certified Microscope instructor at Carl Zeiss

-Member of AMED (Academy of Microscope Enhanced Dentistry)