

Application of the microscope in the implant treatment

～ Clinical application of Neoss implant ～

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Microscopes appear in various areas of Implant Therapy. The treatment of Peri-implantitis is one of those. In order to remove the biofilm adhering to the rough surface portion of fixture, it is effective to use a microscope. However, it is impossible to completely remove biofilms which entered a complex rough surface. Currently, there is no definitive treatment of peri-implant inflammations. Thus, as a matter of course the most important thing is to not suffer from peri-implant inflammations. Consequently, it is necessary to understand and work out various prevention measures that have been known to date. The control of thorough plaque control and the control of inflammation of periodontitis before surgery is naturally one; other selections of fixtures may also be mentioned as one of the preventive measures. Currently, the mainstream surface texture is a Full Rough Surface finished roughly up to the fixture neck. However, a smooth surface is more advantageous when it is less susceptible to Peri-implantitis, difficult to proceed even if it is affected, and if the surface condition is easy to handle after morbidity. Therefore, it is preferable that the surface part of the hybrid type have a smooth surface in the collar part, and minimally/moderately rough surface properties be used for the thread part. Furthermore, in addition to this hybrid type surface texture, the Neoss implant which also has hydrophilicity started to be sold in Japan last year. I would like to introduce you this time, about the Neoss implant by showing clinical examples.