

Report on Failure of Digital Guide Surgery

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With the recent digitalization of dentistry, surgical planning using oral scanners and dental CBCT, and digital surgical guides using 3D printers, this pattern is rapidly changing

In the past, this digital surgical guide, which was only made in the concept of the design Center, can be operated in construction dental labs. and dental clinics due to the miniaturization, price efficiency, and convenience of operation of related devices, and recently, the penetration rate has been on the rise.

The digital surgical guide has many advantages

First, it is a minimally invasive operation. In many cases, the gingival flap is not opened, and suture is not required. These advantages provide a lot of comfort to the patient or the dentist.

The second advantage is that the implant can be inserted at an accurate angle and position. Purified planting according to the plan facilitates prosthetics and extends the life of prosthetics in the future.

However, surgery with a surgical guide does not mean that it will never fail, and if overlooked, it can make a huge mistake. The wrong use of guide surgery KIT during guide surgery can have different results from the plan. Most importantly, entrusting all designs to guide designers can lead to surgery that is somewhat far from what I want. In addition, if you do not acquire basic knowledge such as Bone heating, various problems may occur, so I organized and considered the mistakes I have made.

Profile

- * Director of Seoul Top Dental Clinic
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