

The human factor in implant failure

Franck Renouard

As any medical treatment, the use of implants comes along inevitably with complications. Although this technique was finalized now more than 40 years ago, all the practitioners are still confronted with the failure. Until this, only the technical aspect of these failures was discussed. New forms of implants appeared, new surfaces were proposed, or still new abutments are drawn. But after all, the number of problem does not decrease in a drastic way.

It should be known that about 80 % of the plane crashes are bound to the human error. 50 % of the unwanted grave events could be avoided at the hospital by the application of procedures involving in particular the use of check lists. Nevertheless, the medical world, and more specially the dental world, continues to envisage the complications only under a technical angle. The human behaviour, strongly influenced by the stress, is only very rarely implicated in the chain of events which leads to the failure.

The purpose of the presentation is to show that the study of the human behaviour can bring an unsuspected help in the safety of the medical practice.