

## Trends and future prospective of implant therapeutics

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Implant therapeutics have played an important role in global dentistry due to its significant depth of scientific evidences and high predictable treatment results. At moment, in many patients, extraction would be performed on the assumption to receive implant therapeutics. Clinicians have responsibility to decide and choose necessary treatment options at tooth extraction and optimal timing of implant placement from the scientific evidences.

On the other hand, external circumstances have been changing significantly and demanded treatment side to change and correspond rapidly. The changes of external circumstances mean increased risk and complexity of treatment due to rapid aging of society, change of treatment needs and demands and rapid change from analog to digital approach. Thus, it is clear that the establishment of more predictable, low-invasive, shorter treatment protocols compared with traditional implant treatment are required at an accelerated rate. The driving forces to enable are improvement of ability and technique of clinicians by high level of education and training, penetration of infrastructure such as surgical microscope, higher level of diagnosis and treatment execution and bio-material supported by sufficient scientific evidences would be key factors. In this lecture, current trends and future prospective of implant therapeutics affected by change of external circumstances will be discussed.

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