

Which is the future of orthodontics? Self-ligating brackets, invisaligns, 3D imaging or miniscrews

Orthodontics is a popular postgraduate dental program in all over the world. The new techniques in orthodontics help patients better understand the expected results of their orthodontic treatment. For example:

The self-ligating brackets are not new development in orthodontics, but it would create the benefits for patients of quicker treatment, hopefully less discomfort in tooth movement, the need for fewer office visits and archwire changes, while still producing high quality treatment outcomes.

Invisaligns are the personal methods of orthodontic treatment, which use a series of clear, removable teeth aligners used as an alternative to traditional metal dental braces. These are increasingly becoming popular among teens and adults but are not suggested for patients with severe misalignment.

The cone beam computed tomography technology allows the orthodontist to see his/her patient's face, jaws, and teeth in three dimensions (3D) instead of the traditional two-dimensional radiographs and photos. This 3D imaging allows a more correct diagnosis and treatment plan.

Miniscrews are temporary anchorage devices and especially helpful for patients who find headgear uncomfortable to wear.

In a study,^[1] future plans of orthodontic residents chose the specialty was investigated, and in conclusion, self-ligating brackets and invisalign were expected to be popular among future orthodontists.

Future prospective randomized clinical trials are required to support, with reliable scientific evidence, the claims about the effects of these techniques. These developments will

provide options to you to get the most suitable technique you desire.

In the mean time, this issue is the first issue of *the Journal of Orthodontic Research*. This journal is a peer-reviewed, open-access orthodontic journal that aims to publish original research articles, retrospective and clinical studies, and review articles related to the field of orthodontics and dentofacial orthopedics and associated subjects. The other aim of this journal is also to stimulate interest, interaction, and discussion among orthodontists, doctorate students, specialist fellows, and dentists.

I believe that this journal will rise rapidly and take many more successes with this editorial team.

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Reference

1. Noble J, Karaiskos N, Wiltshire WA. Motivations and future plans of Canadian orthodontic residents. *Am J Orthod Dentofacial Orthop* 2009;136:644-50.

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