



# ALIGNERS AND 3D PRINTING

“ CLEAR ALIGNERS:  
UNDERSTANDING PATIENT  
EXPECTATIONS

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# “ CONVINCING PATIENTS

## UNDERSTAND PATIENT EXPECTATIONS

It is difficult to explain to patients the advantages of one method of manufacturing dental devices over another. They are concerned with reduced discomfort during sessions in the dental practice, ease of use of the devices on a daily basis, the length and effectiveness of the treatment and esthetics.



### NO IMPACT ON SOCIAL LIFE

The new generation of dental aligners come in the form of translucent trays that are practically invisible, easily removable by patients themselves, and comfortable since they are part of a gradual replacement plan. This form of orthodontic treatment is particularly targeted to young adults who have an active social and professional life and care about their appearance as much as the correct and attractive alignment of their teeth. They have both esthetic and functional concerns. Dentists or orthodontists are therefore in the best position to explain to their patients the importance of dental and jaw problems that may arise, and show them, after analyzing dentition with the help of 3D modeling software, the type of dysfunction detected and how it can be remedied.



CLEAR ALIGNERS ARE PRACTICALLY INVISIBLE

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## OTHER PATIENT ADVANTAGES

By visualizing dentition on a three-dimensional digital reproduction, one can easily simulate the final position of the teeth and justify the action of personalized aligners made according to scanned impressions on the patient, meticulously checked by a control scan at various stages of production, and replaced periodically according to a gradual and painless plan.



### ALMOST INVISIBLE DEVICE

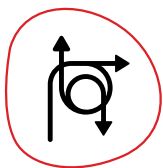
The first “visible” advantage of clear aligners is indeed their near invisibility when the wearer smiles or opens his or her mouth. This is an esthetic concern, but one that clearly surpasses all others, as metal ring aligners are considered stigmatizing. The invisibility of the tray is therefore the main argument to convince the patient to choose this solution. The number of positive aspects is obvious and choosing it does not require long discussions or laborious arguments. It is still possible to smile and a potential obstacle to speaking face-to-face or in meetings is swept away, so a transparent aligner is no hindrance to everyday human interactions.





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# EASE OF INSTALLATION AND REMOVAL



### FLEXIBILITY FOR THE WEARER

Transparent dental aligners are easy to install and remove, which is their second advantage over fixed methods. The fact that it is removable makes it possible to stick to a daily removal time of a few hours as recommended by the dentist or the orthodontist to relieve any tension at the beginning of each cycle. This removal is obviously necessary for eating while chewing well and for the two or three daily cleanings of the teeth and aligners themselves, especially the inside of the aligners. While this ease of installation and removal is an advantage of the transparent aligners, it comes with a warning and an appeal to discipline because the wearing of trays according to the treatment plan established by the professional, and accepted by the patient, must be carefully followed to be effective.



### COMFORT AND SIMPLICITY

Comfort is another advantage of aligners molded to the positive impression of each dentition. It is first measured in the dentist's or orthodontist's office with shorter, less strenuous sessions. Scanning both dentitions is completely painless and less stressful than taking impressions in a soft material that prevents the opening of the mouth and hinders swallowing. Patients avoid the long sessions for the placing of metal bands and their periodic tightening, not to mention the collateral damage to the tongue and the inside of the mouth. Once a treatment plan has been defined, patients can manage it on their own, although it is advisable to make check-up visits, such as during scaling, for example. Comfort need no longer be sought at the expense of efficiency. Perseverance and carefully following the periods during which the aligners are worn by the patient determine, as we know, their ultimate success.



THANK YOU

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