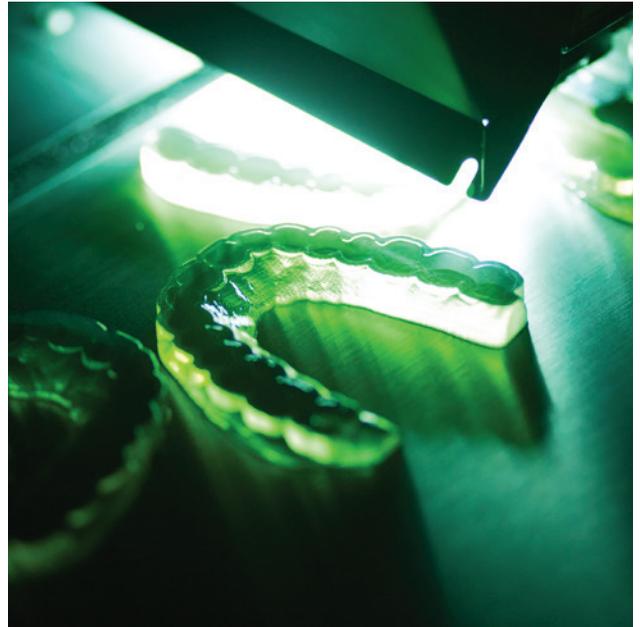


The future is here: How 3D printing can give you a strategic advantage



High-resolution 3D printing is now an attractive alternative for producing dental models with fast turn-around and cost efficiency. Recent advances in rapid prototyping technology has also meant accuracy is no longer compromised when it comes to treatment.

Sid Tass, Founder/Director of tdl Precision Orthodontics says, “We are fielding 3D printing enquiries from an ever-increasing number of dental laboratories and surgeries. In addition, existing customers are talking to us about the strategic advantage of 3d printing for their practice.”

Are you intra-oral scanner ready?

With intra-oral scanning the dental professional can now produce accurate, high-definition digital impressions. The use of alginate and its potential inaccuracies are a thing of the past.

Digital impressions can be sent instantaneously and securely through on-line direct file transfer. There is no time

spent waiting for a courier, enabling more flexible patient scheduling.

High-Resolution 3D Printing

Technology is also changing many aspects of the dental manufacturing process. Dental laboratories and surgeries are now investing in digital scanners and orthodontic software to create digital study models and virtual diagnostic setups.

High-resolution 3D printing is taking this one step further, making it possible to accurately print models from intra-oral scans and the ability to create the full range of orthodontic appliances including sequential aligners.

It's more affordable than you think

For dental professionals who are not ready to invest in an intra-oral scanner, there is an alternative.

Cloud 3 digital orthodontics™, a service provided by Melbourne-based tdl Precision Orthodontics™, is ready to



receive and scan models from impressions and print high-resolution models for sequential aligners. These models can also be used to create the full range of orthodontic appliances.

Conclusion

Orthodontic dental technology is progressing swiftly in the digital sphere. High-resolution 3D printing can now readily produce accurate, cost-effective results for the dental professional.

Digital orthodontic dental technology is more affordable than ever and the positive benefits are worth considering.

For more information about how your laboratory can benefit from 3D printing contact tdl Precision Orthodontics on (03) 8809 0988 or cloud3@tdl.net.au.