

## Use of digital impression in orthodontics for simulation, treatment planning and custom made appliances

**Sylvain Gagnon**

Universite de Montreal, Canada

Since few years, it is possible to scan in-vivo and in-office teeth, brackets and occlusion. This virtuel 3D representation of the patient allow precise simulations. It isnow easier to find the best solution for a specific patient before the beginning of the orthodontics. All movements could be done in the computer. Custom made wires, appliances and aligners could be made by a out-house robot. This system is now reliable and consistent.

### Biography

Sylvain Gagnon has completed his DMD in 1984 and his speciality in orthodontics in 1991 at Université de Montréal. He was responsible for the undergraduate orthodontics clinic at the same University from 1992 to 1994. He participated in numerous articles as co-author in dental traumatology in Journal Dentaire du Québec. He since has been in private practice in Montréal Québec and a regular speaker at Université de Montréal and Fédération Française des orthodontistes in Paris France.

[sgagnon@orthodontiemontreal.com](mailto:sgagnon@orthodontiemontreal.com)