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

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Abstract

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.