

«L’empreinte optique, la clé du succès»

Une réalité au service de l’équipe de soins et
une étape importante de la chaîne prothétique.

Conférence animée par le

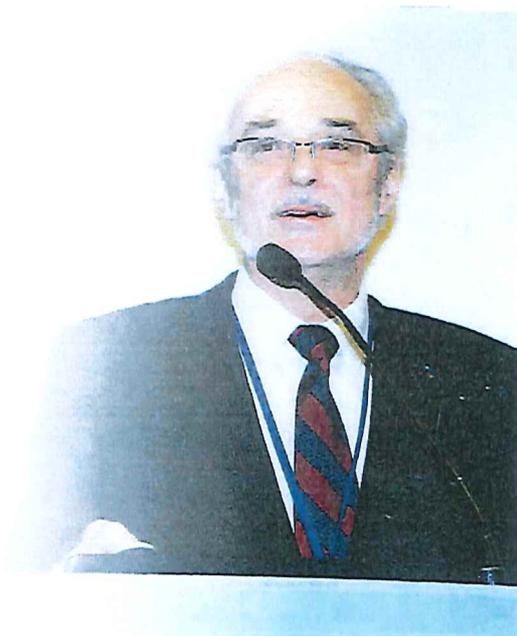
Professeur François Duret

Docteur d’Etat - Inventeur de la CFAO dentaire

Lieu de l’événement

HENRY SCHEIN France
ZAC de la Liodière - 2 rue de la Flottière
37304 JOUE LES TOURS

■ Mercredi 3 avril 2013 de 18h à 20h



Programme

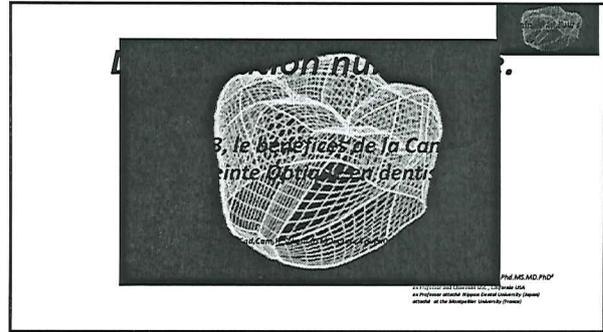
L’équipe d’Henry Schein Tours aura le plaisir de vous accueillir et vous faire découvrir les produits et les bénéfices de la dentisterie numérique dont l’empreinte optique est une des composantes essentielles.

Un cocktail cloturera cette conférence, merci de nous retourner le coupon ci-joint pour vous recevoir dans les meilleures conditions.



 HENRY SCHEIN®

Tél. 02 47 71 10 20 - www.henryschein.fr




Première partie:

***La CFAO, une situation en 2013
...et une histoire depuis 1971***

Analyse de la situation pour les Cabinets dentaires en juin 2011



Dans le monde (chiffres de 2010):

1. 16.000 Cabinets équipés (direct et indirect)
2. Cerec dominant (en 20 ans)
3. 3 Shapes, Lava, Cadent/Itoro (?) montent.
4. Croissance 10% par an depuis 2009

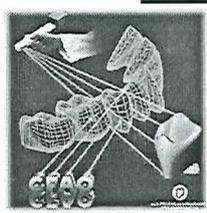
Analyse de la situation pour les laboratoires en juin 2011



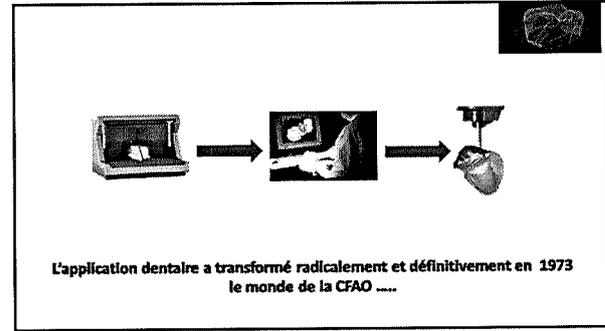
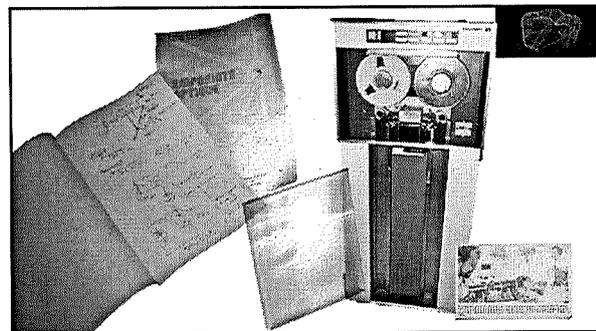
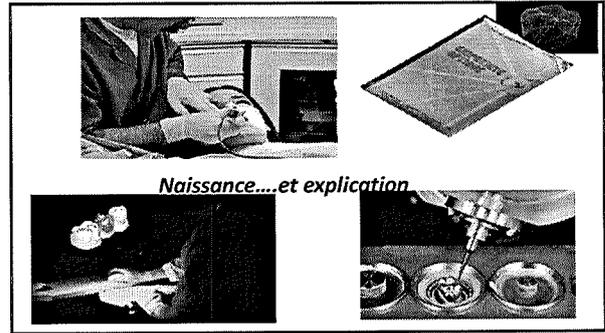
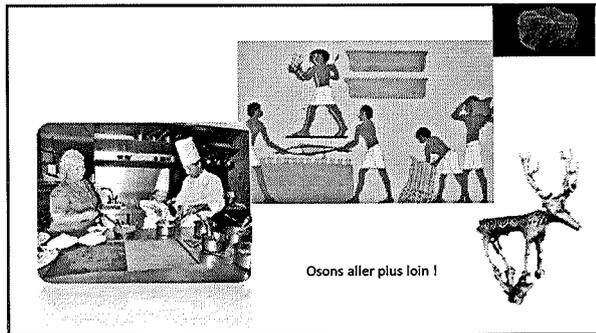
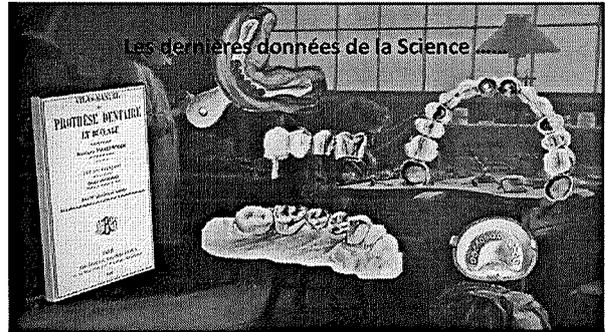
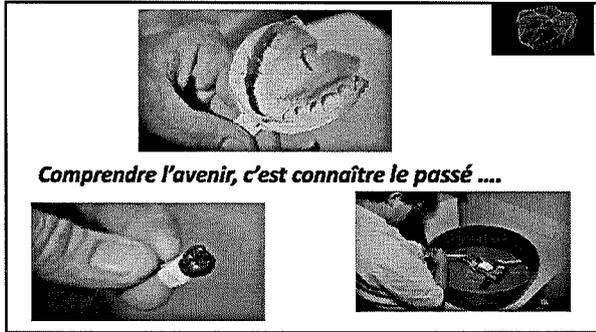
En France (chiffres de 2010): CA 1346 MC

1. 1450 labos équipés / 30% des labos
2. CA.CadCam 230 MC / 50% de leur chiffre
3. 41 % MOCN interne / 67% tout ceram (Zr)
4. Croissance 5% par an depuis 2007

(+241 laboratoires en 2010)

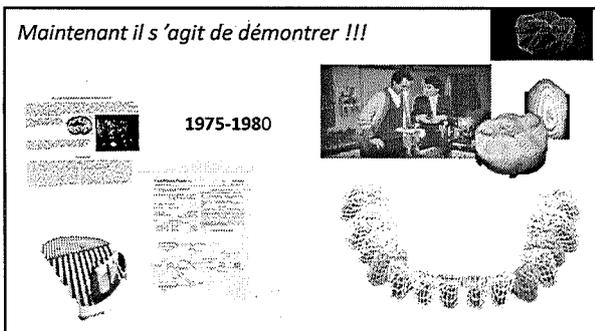



Pourquoi une telle montée en puissance ?

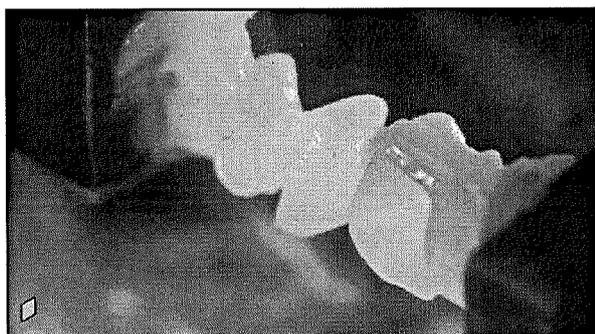
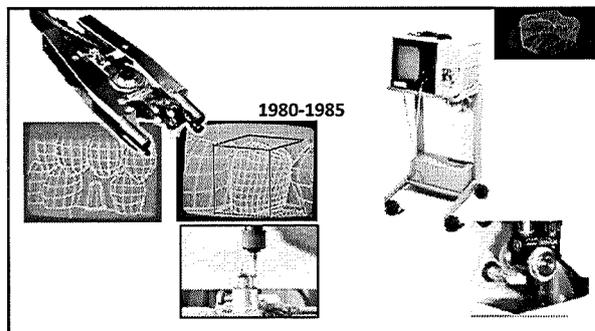


Maintenant il s'agit de démontrer !!!

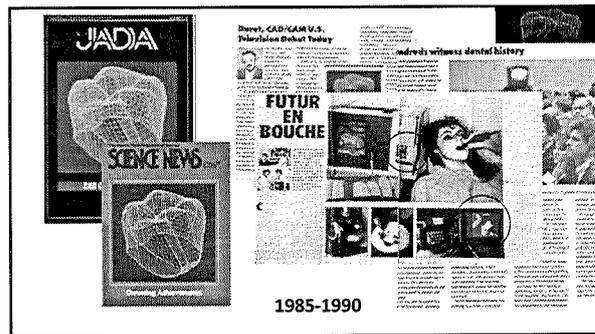
1975-1980



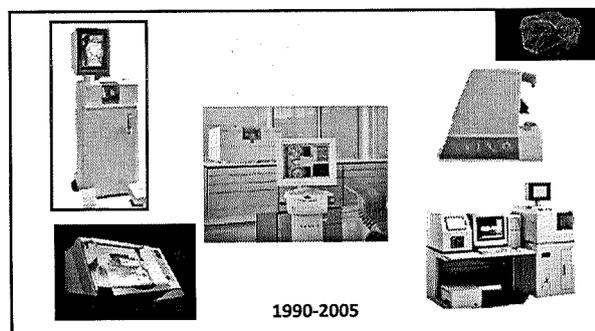
1980-1985



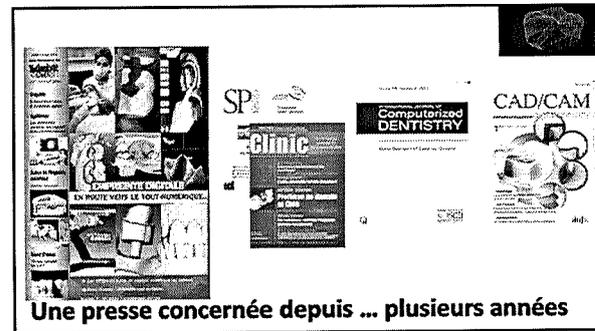
1985-1990

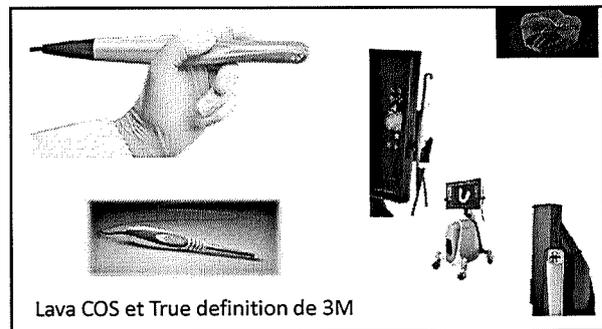
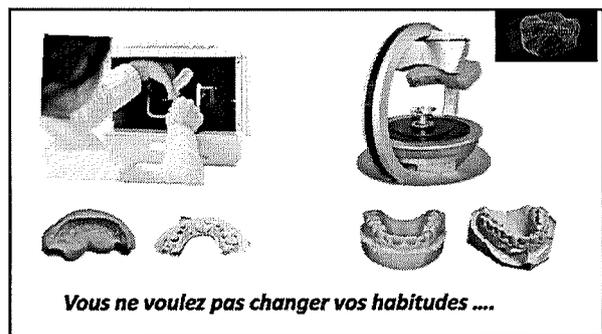
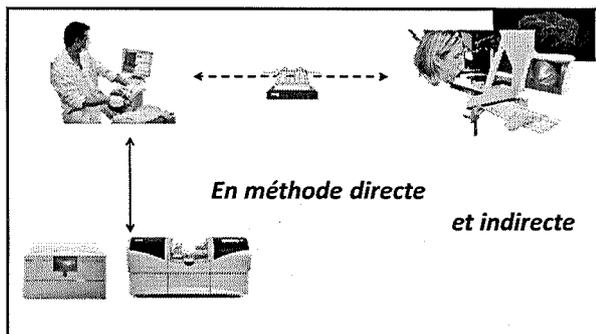
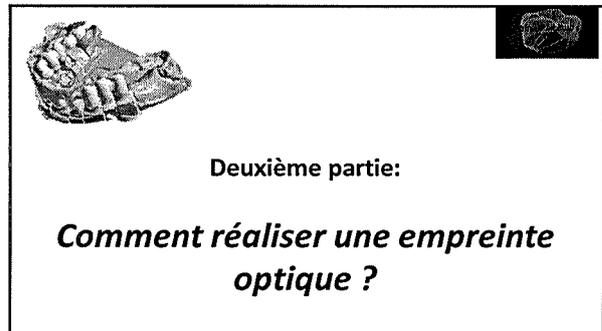


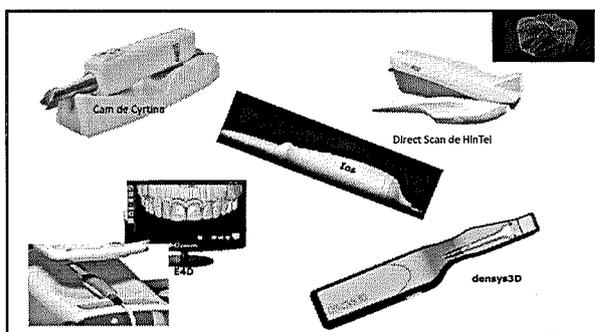
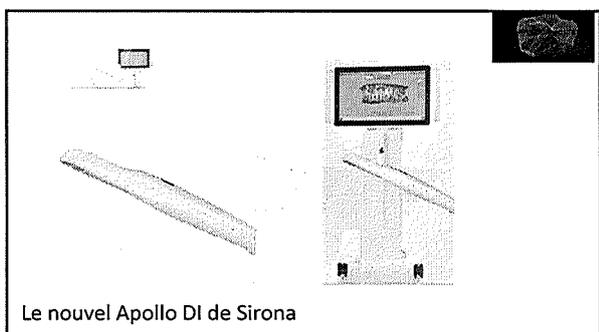
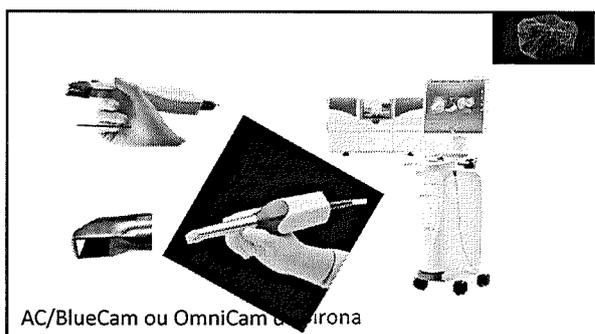
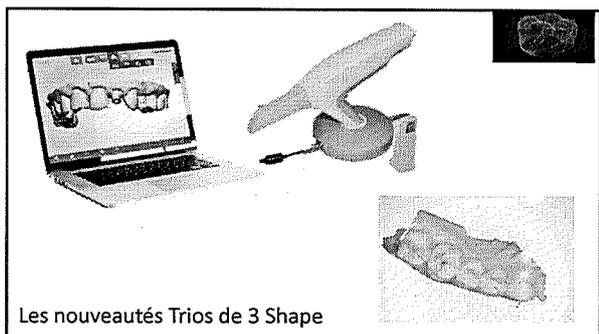
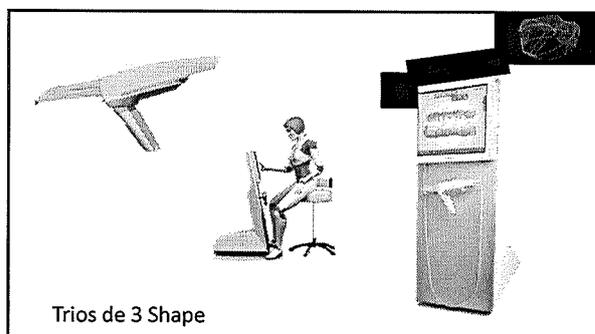
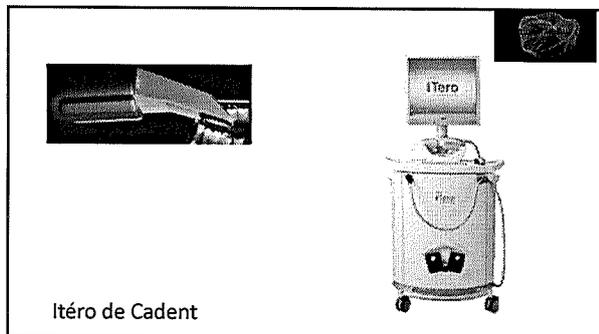
1990-2005

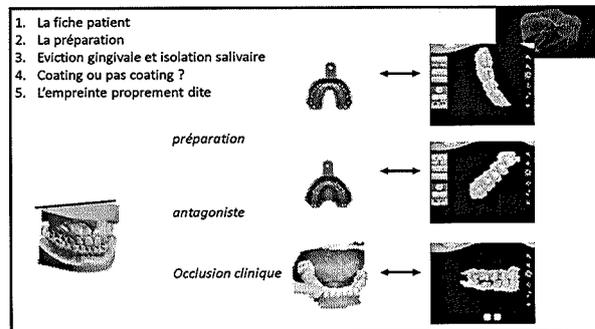
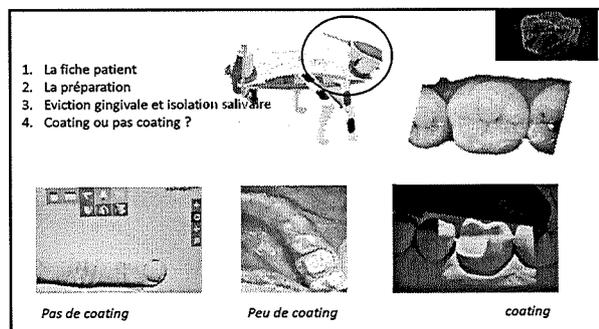
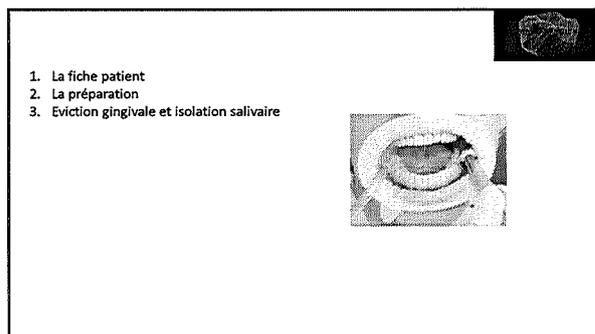
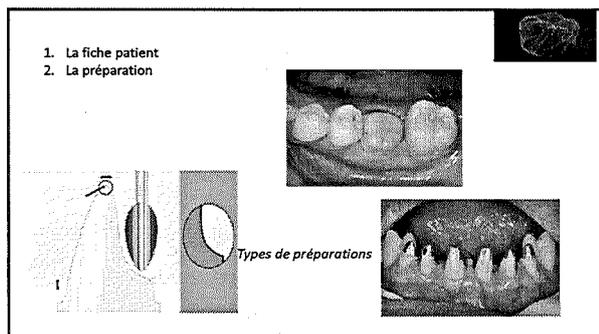
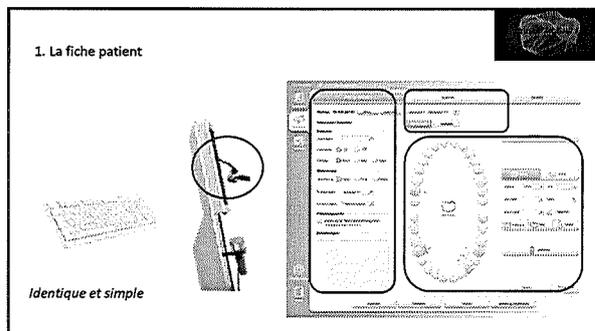
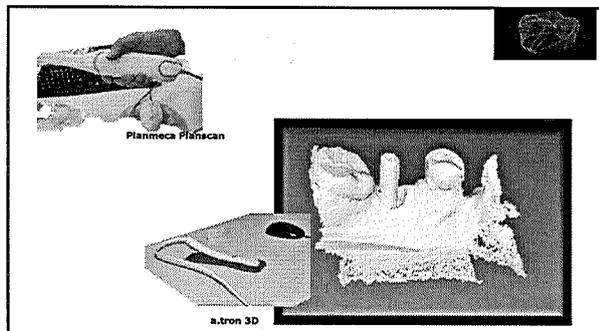


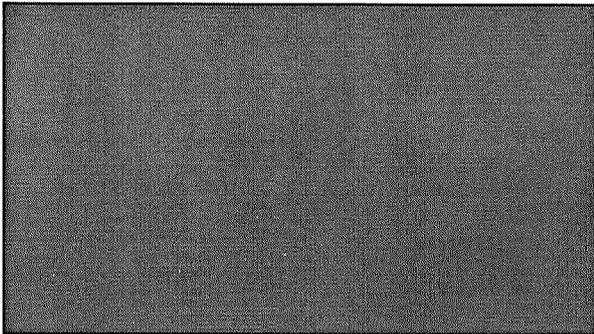
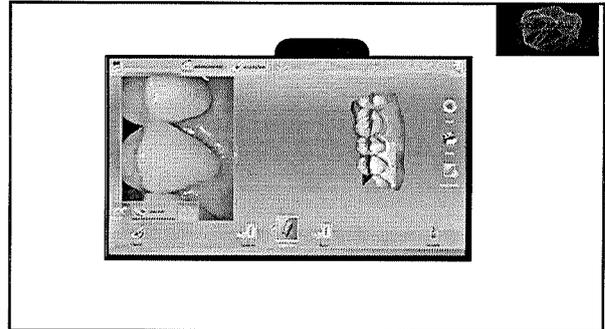
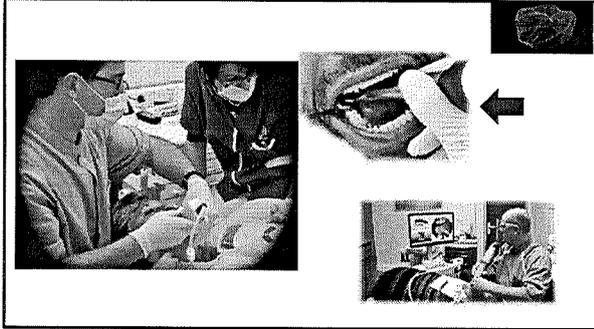
Une presse concernée depuis ... plusieurs années







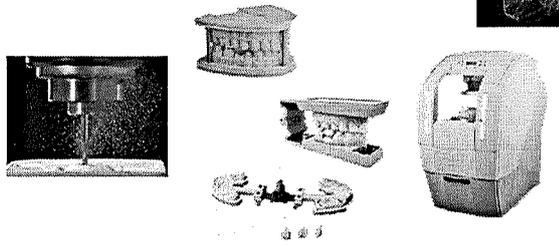




1. La fiche patient
2. La préparation
3. Eviction gingivale et isolation salivari
4. Coating ou pas coating ?
5. L'empreinte proprement dite
6. Transfert au laboratoire

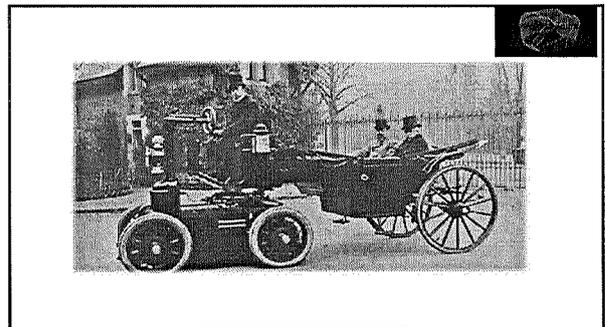


Simplicité: plus de colis ou de passage ... une autoroute



Il va de soi que ce modèle peut être « coulé »

30



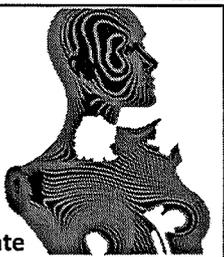


Troisième partie:

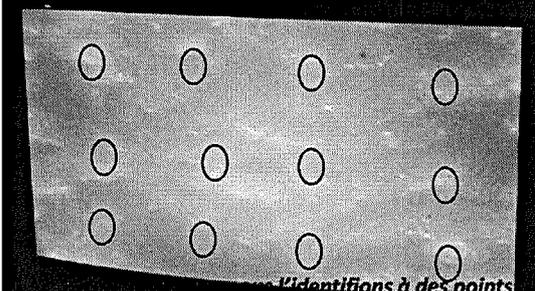
Comment fonctionne une caméra d'empreinte optique?



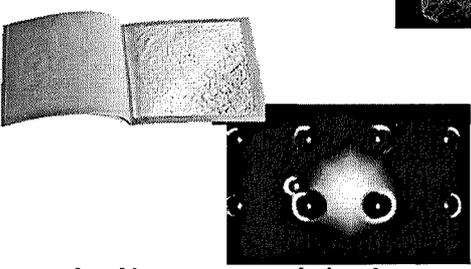
1^{er} temps: Ceci est une empreinte



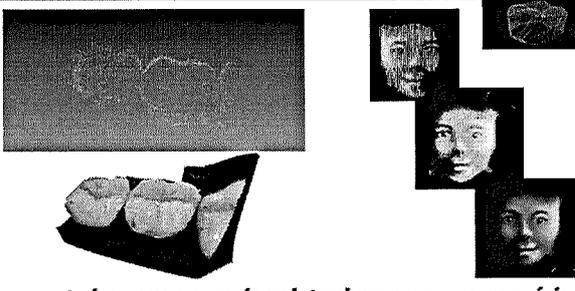
Ceci est aussi une empreinte



... l'identification à des points

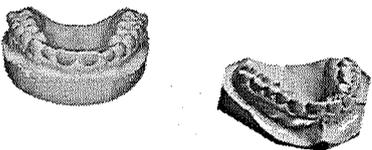


... car tous les objets sont composés de points.

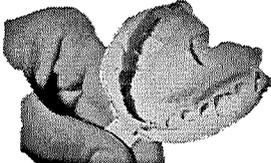


...et plus nous avons de points plus nous sommes précis

Une empreinte sur laquelle nous devons travailler



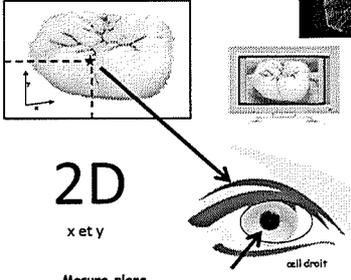
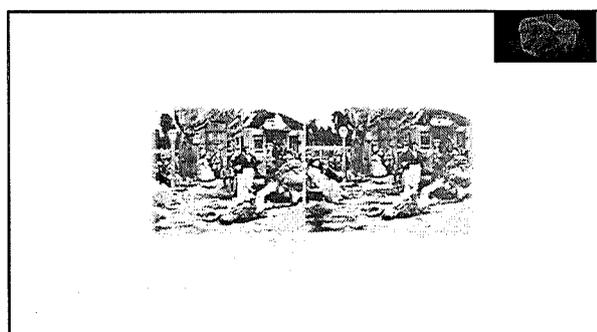
est la mise à disposition, la connaissance de ces points



En dentisterie traditionnelle on transporte ces points ...

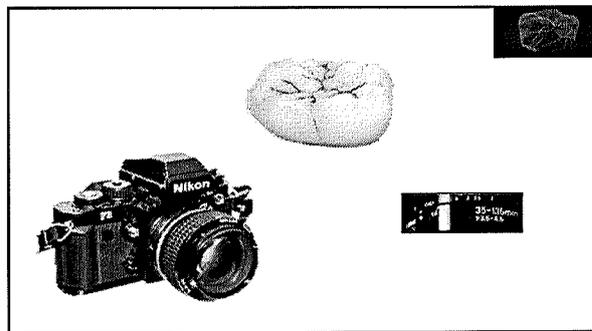
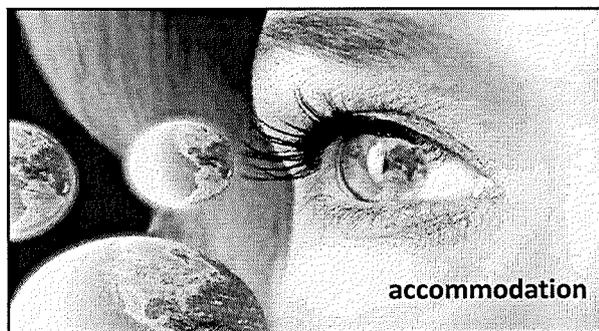
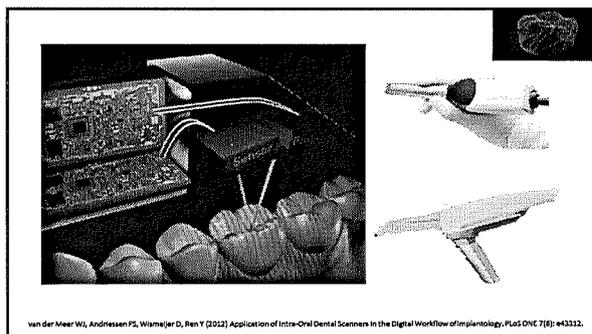
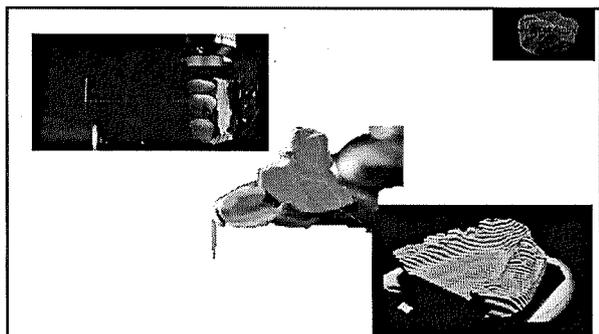
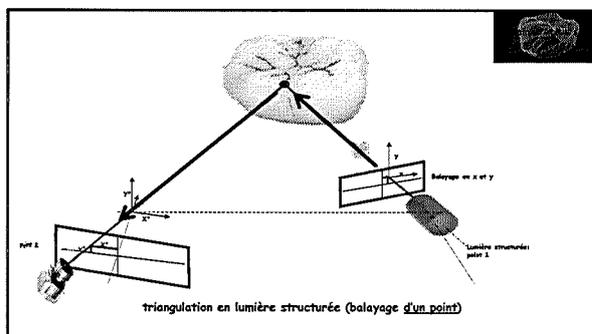
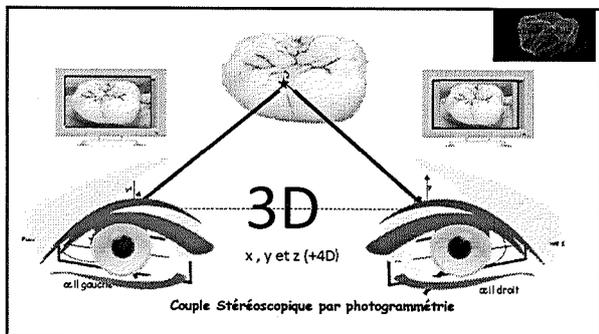


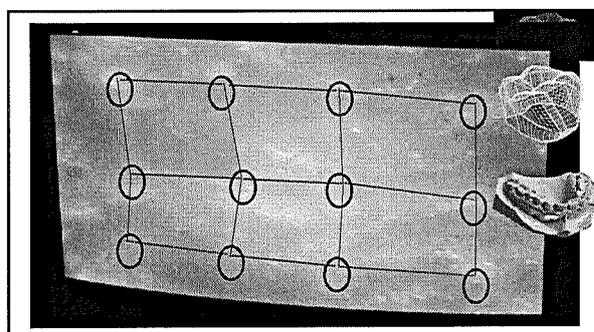
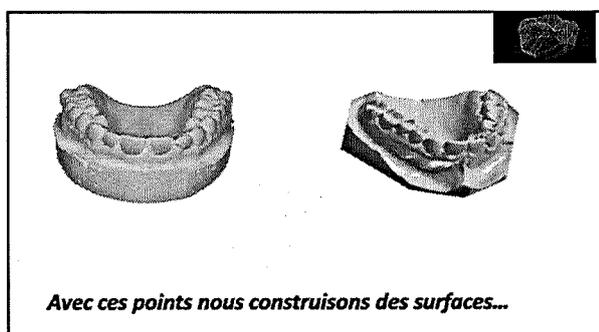
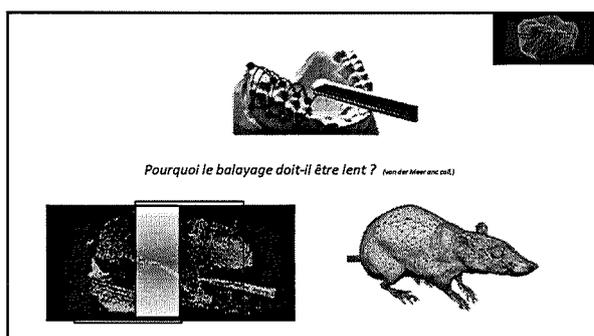
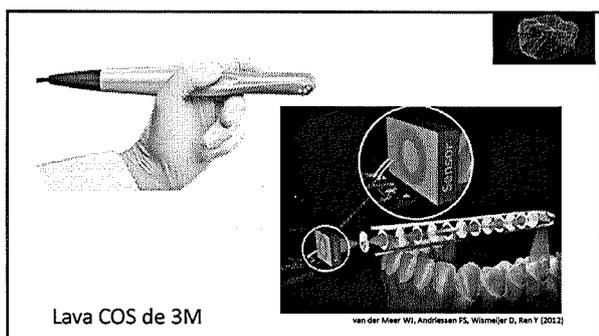
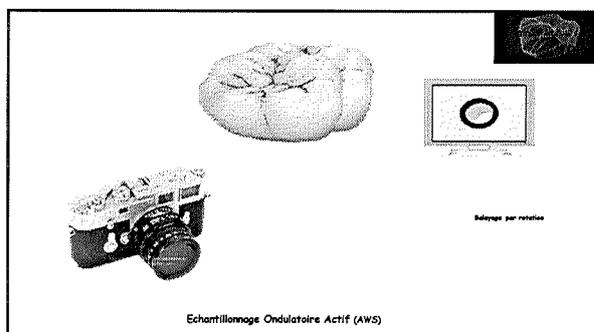
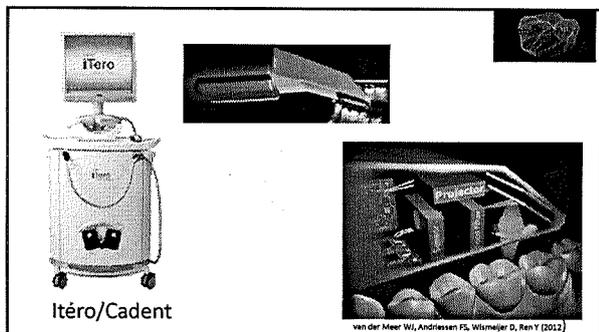
et en CFAO on les mesure

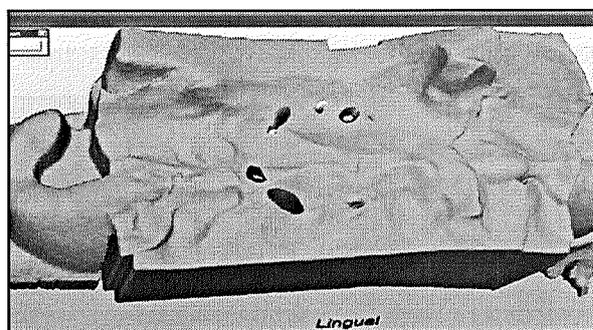
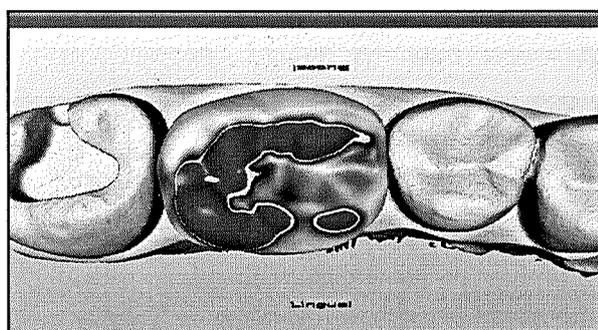
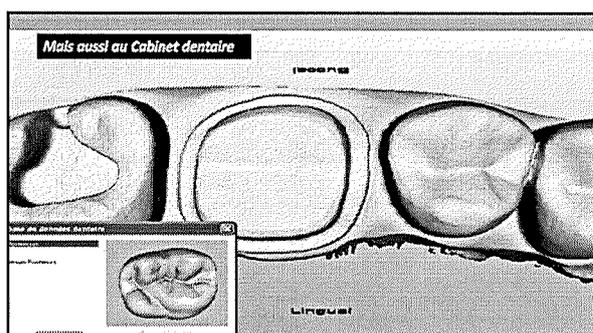
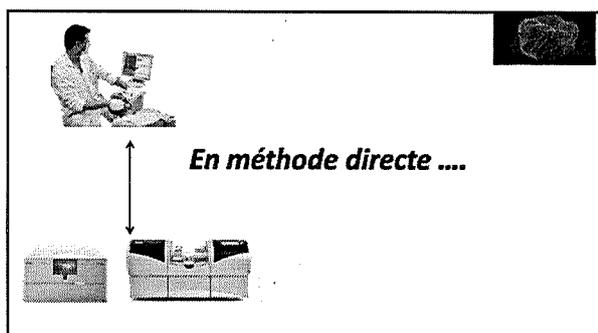
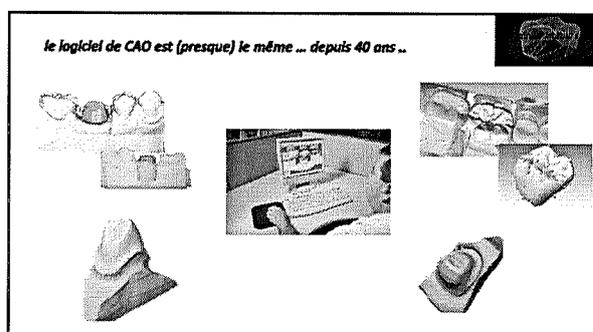
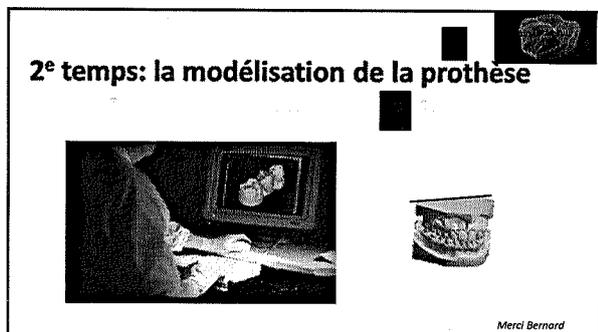


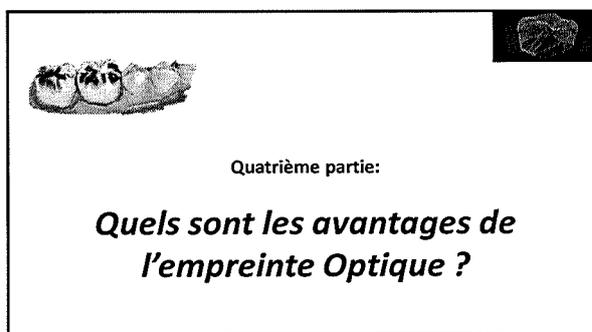
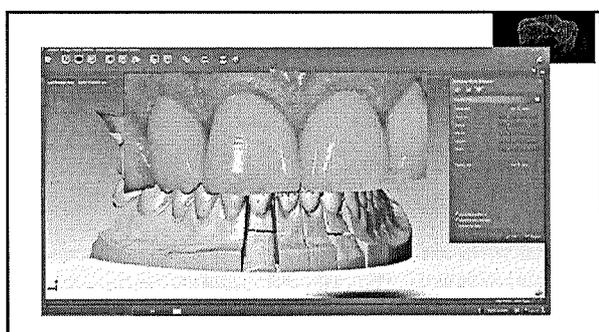
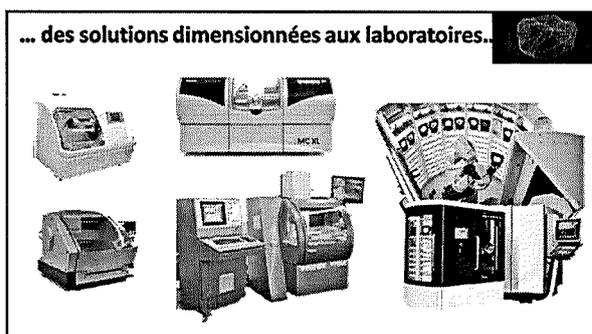
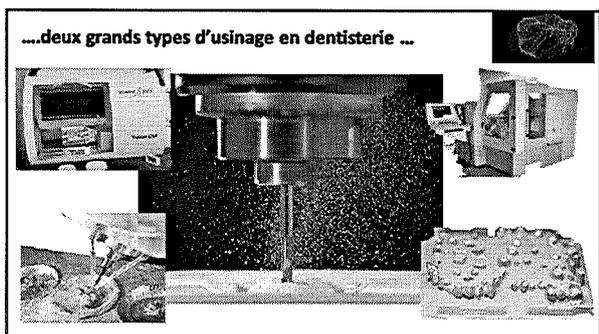
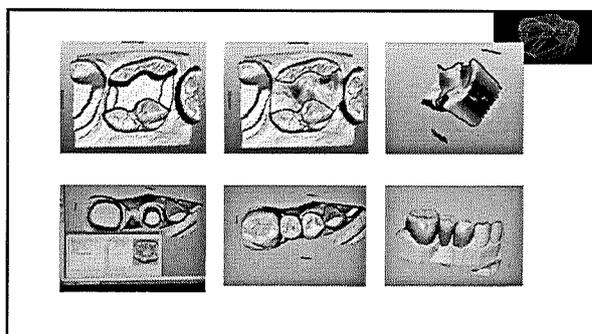
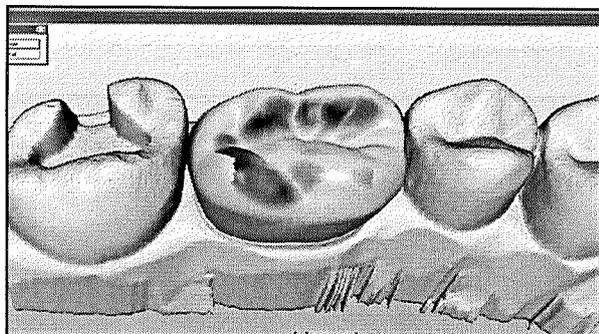
2D
x et y
Mesure plane

œil gauche œil droit



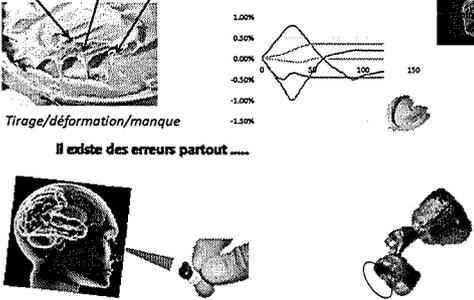




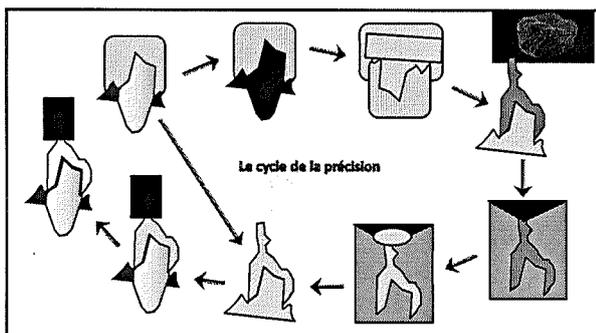




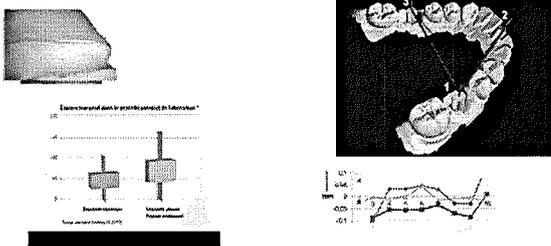
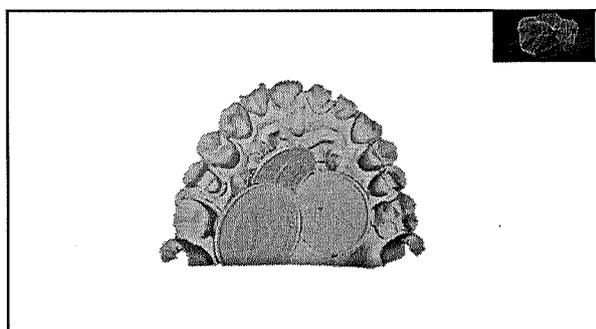
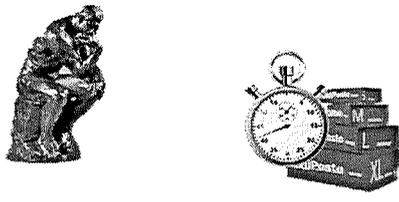
La Précision: elle est plus précise que la méthode traditionnelle



Tirage/déformation/manque
Il existe des erreurs partout

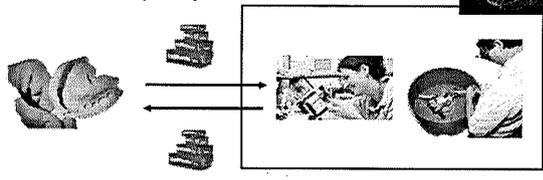


Conséquences de ces apports

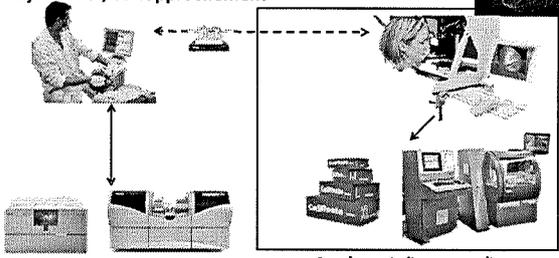
La Vitesse: Les informations arrivent sans time-out

Hier, deux blocs séparés par l'histoire



La CFAO aujourd'hui, c'est une amélioration des relations avec son prothésiste

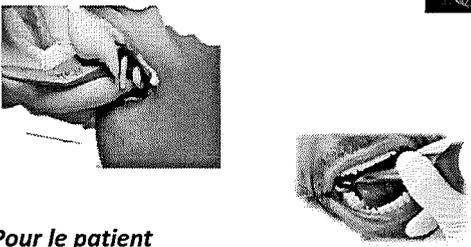
Aujourd'hui, un rapprochement



Systemes indirects et directs



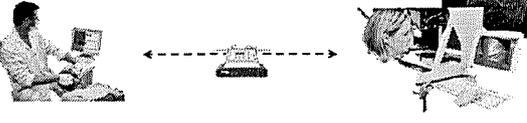
Le Confort: Le travail est plus agréable, vérifiable et simplifié



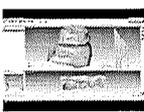
Pour le patient



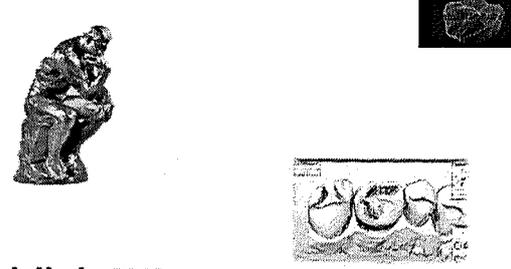
Pour le dentiste



Pour le prothésiste



Au-delà du PVC

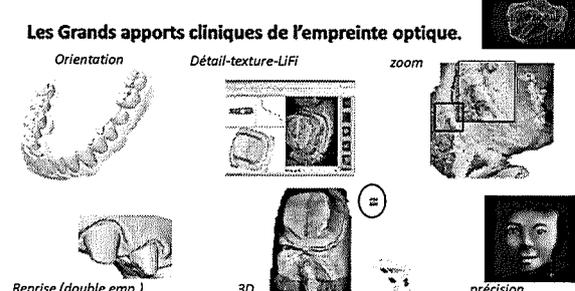


This slide shows a 3D model of a dental arch on the left and a photograph of a dental technician working with a wax model on the right. The technician is using a tool to shape the wax, which is mounted on a dental arch form.

Les Grands apports cliniques de l'empreinte optique.

Orientation Détail-texture-LIFI zoom

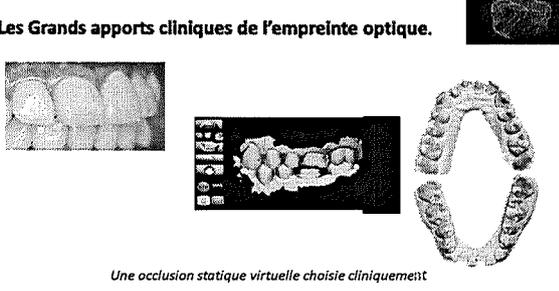
Reprise (double emp.) 3D précision



This slide is a collage of images demonstrating optical scanning. It includes: 'Orientation' showing a 3D model of a dental arch; 'Détail-texture-LIFI' showing a close-up of a tooth's surface texture; 'zoom' showing a magnified view of a tooth; 'Reprise (double emp.)' showing a 3D model of a dental arch; '3D' showing a 3D model of a dental arch; and 'précision' showing a close-up of a person's face, likely related to the scanning process.

Les Grands apports cliniques de l'empreinte optique.

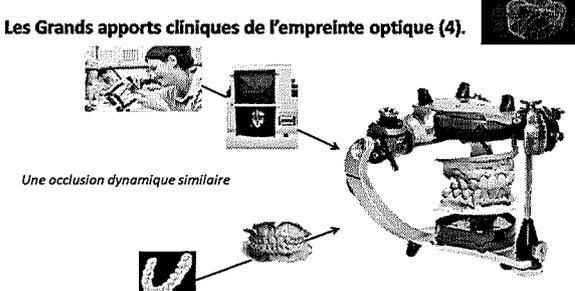
Une occlusion statique virtuelle choisie cliniquement



This slide shows a 3D model of a dental arch on the left and a photograph of a dental technician working with a wax model on the right. The technician is using a tool to shape the wax, which is mounted on a dental arch form.

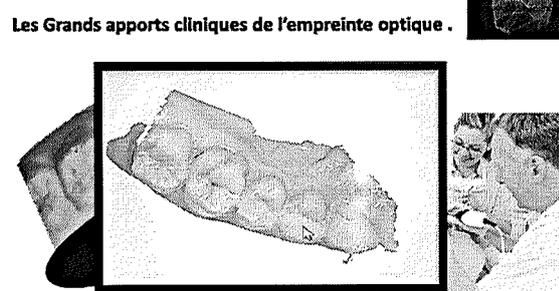
Les Grands apports cliniques de l'empreinte optique (4).

Une occlusion dynamique similaire



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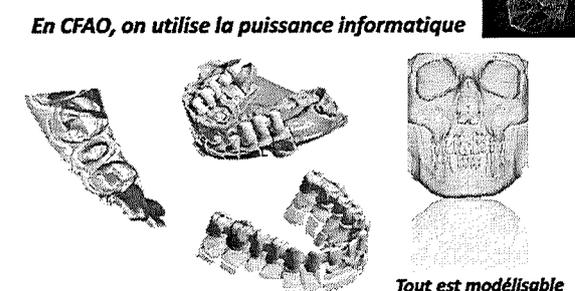
Les Grands apports cliniques de l'empreinte optique .



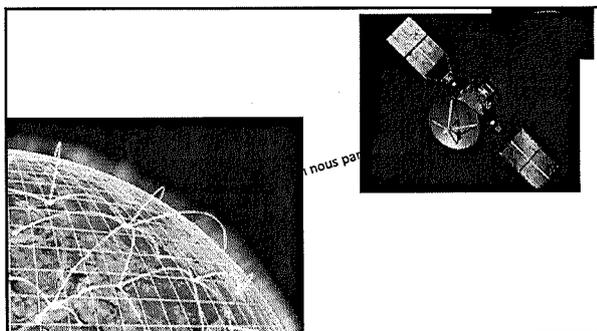
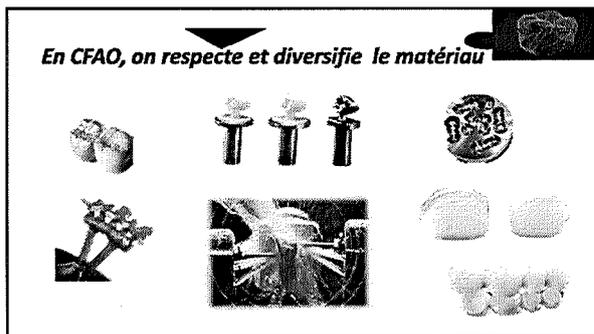
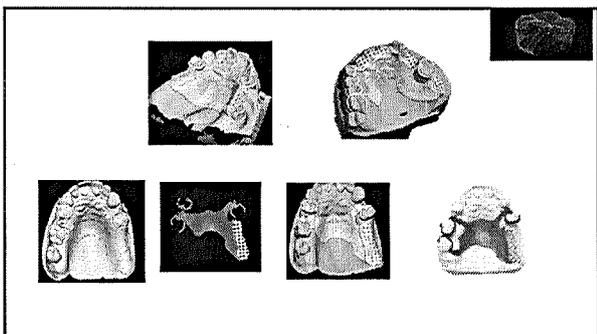
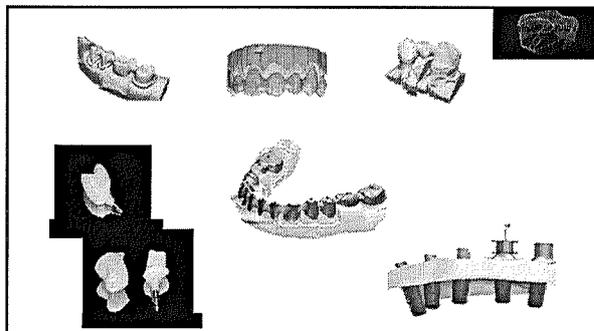
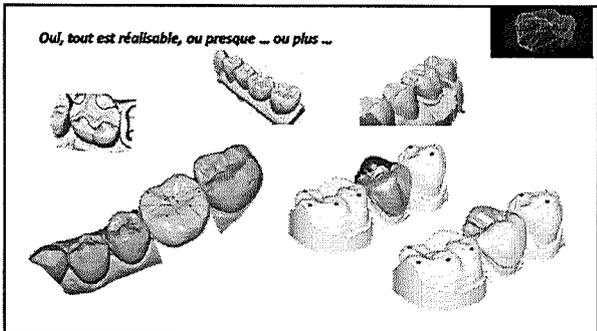
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En CFAO, on utilise la puissance informatique

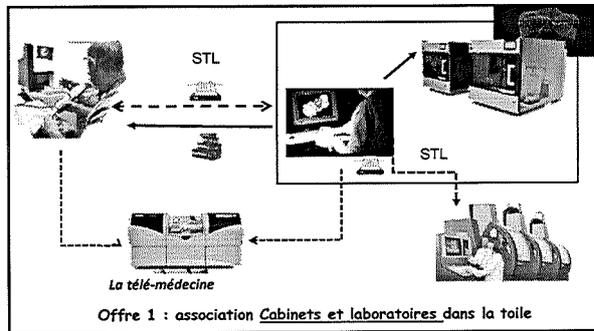
Tout est modélisable

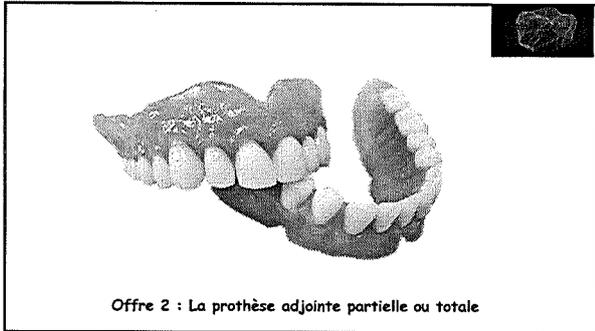


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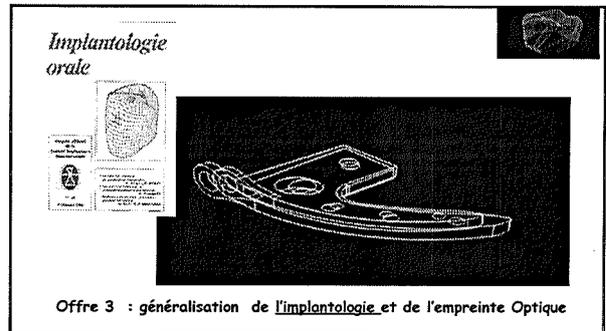


... nous par

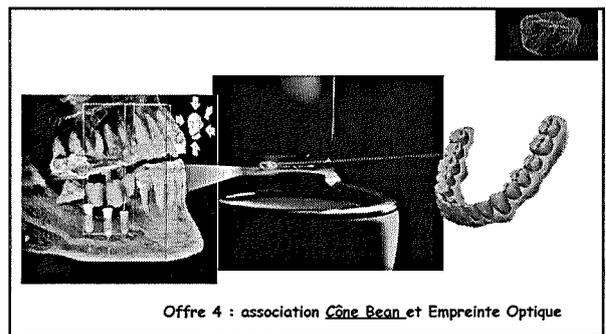
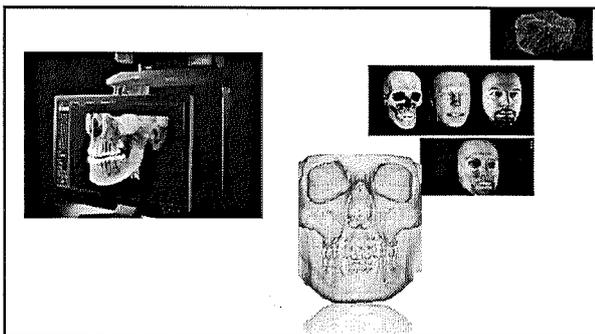




Offre 2 : La prothèse adjointe partielle ou totale



Offre 3 : généralisation de l'implantologie et de l'empreinte Optique



Offre 4 : association Cône Bean et Empreinte Optique

