



# WORKING GROUP

## DENTAL TEAM ISTANBUL 2023

Dr Doniphan HAMMER

# PLAN

## PART I

TECHNIQUES AND DIGITALIZATION IN PRACTICE

## PART II

THE NEW TECHNOLOGIES OF MANAGEMENT,  
ADMINISTRATION AND COMMUNICATION

## PART III

DIGITALIZATION AND DENTAL TEAM



QUESTION and NEXT



01

# TECHNIQUES AND DIGITALIZATION

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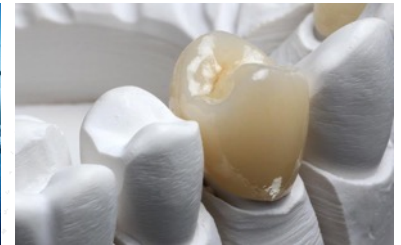
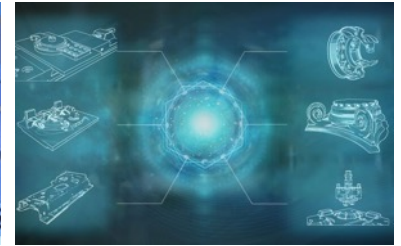
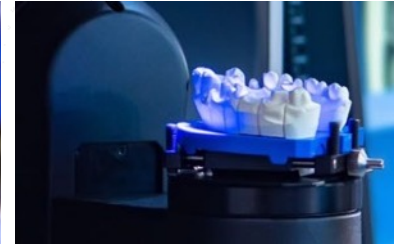
TOWARDS SIMPLIFIED DIAGNOSIS,  
PRESENTATION AND REALIZATION

# PROSTHETIC AND ORTHODONTIC



CAD/CAM (Computer Assisted Design / Computer Assisted Manufacturing)

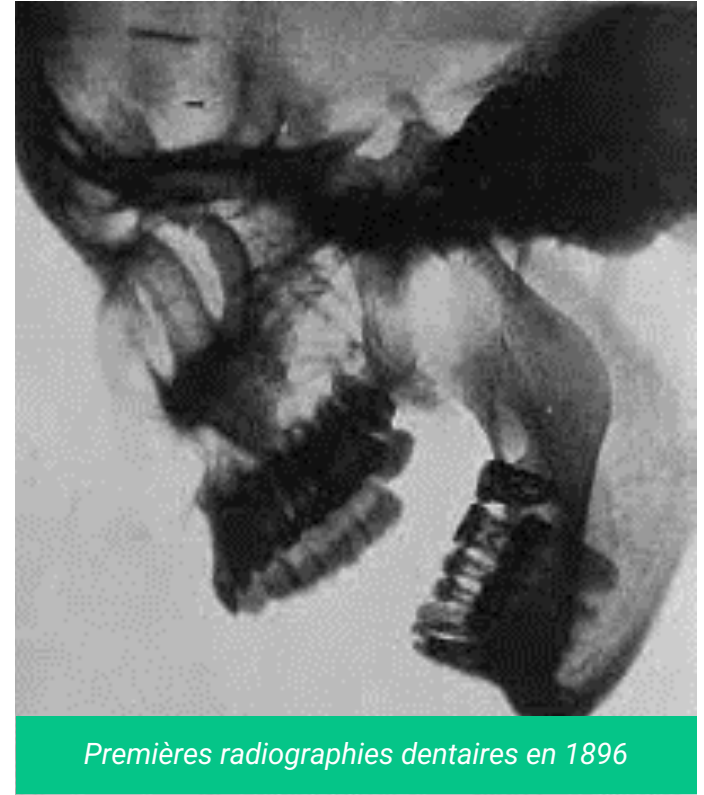
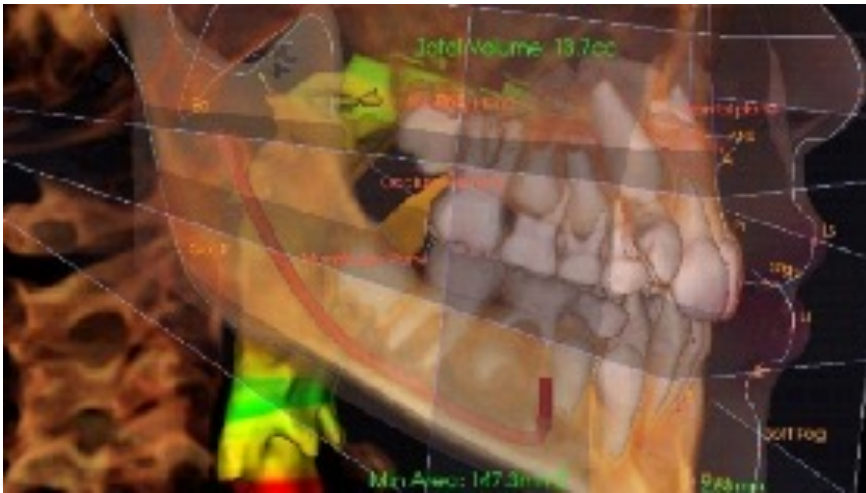
- Direct CAD/CAM
- Semi-direct CAD/CAM
- Indirect CAD/CAM



# RADIOLOGY



The **time saving** is very important as well as the storage and processing of data





## COMPUTER GUIDED SURGERY

Improves the precision of the surgical procedure



## DIGITAL TINTING

Determining the luminosity, the saturation, the chromaticity and the translucency of a tooth.

# PATIENT DENTAL SIMULATION SOFTWARE



See the result before the treatment itself has even begun is ideal.



Facial expressions and occlusion can be scanned, recorded and performed with a treatment simulation.



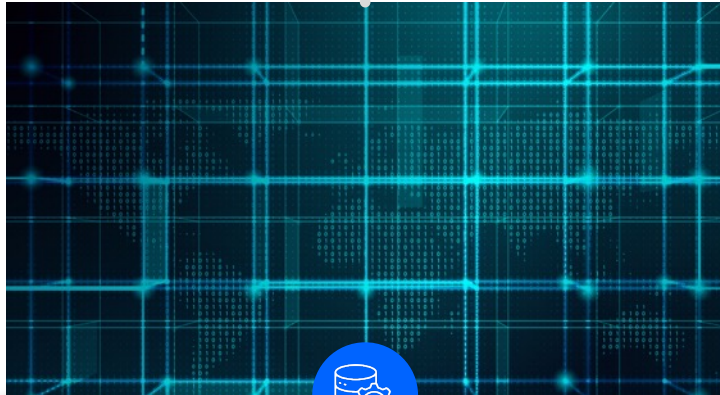
02

# THE NEW TECHNOLOGIES

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OF MANAGEMENT, ADMINISTRATION  
AND COMMUNICATION

# NEW TECHNOLOGIES

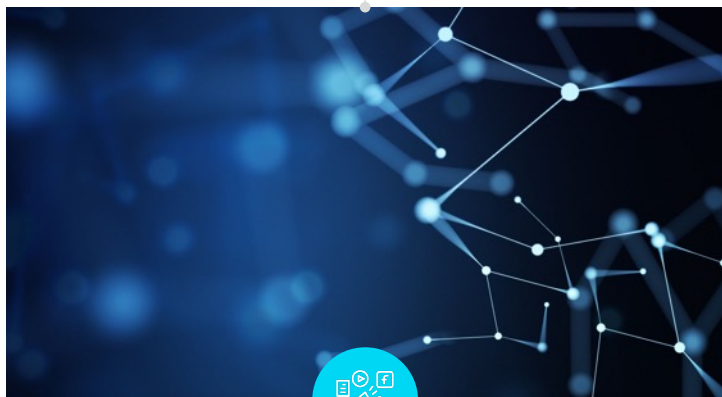


**PATIENT DIGITAL DATA  
MANAGEMENT – E-HEALTH**



**ONLINE APPOINTMENT SCHEDULING  
PLATFORMS AND MANAGEMENT TOOLS**

# NEW TECHNOLOGIES



**COMMUNICATION TOOLS**



**E-INFORMATION**



03

## **DIGITALIZATION AND DENTAL TEAM**

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# AFTER HAVING LISTED ALL THE TASKS AND PROCESSES CONCERNING THE DIGITALIZATION AND THE DIGITIZATION



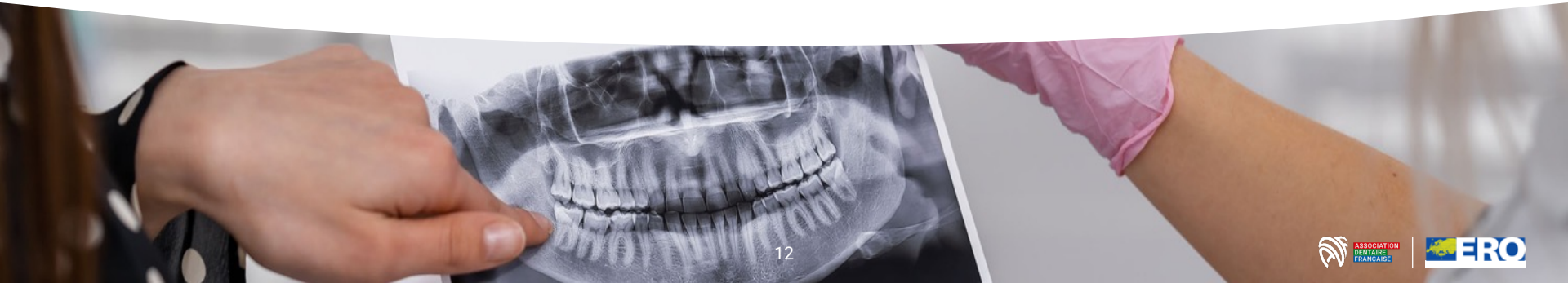
Tasks can be dedicated  
and to who of the members  
of the dental team















Tasks cannot  
be dedicated





































Unresolved or undecided  
leading to a reflection  
specific to each country  
or a point of vigilance



# TECHNIQUES AND DIGITALIZATION TOWARDS SIMPLIFIED DIAGNOSIS, PRESENTATION AND REALIZATION


	 DENTAL ASSISTANT	 DENTAL ASS WITH SPECIALIZATION*	 DENTAL CHAIR ASS	 ADMINISTRATIVE ASSISTANT	 DENTAL HYGIENIST	 TECHNICIAN LAB
 PROSTHETIC						
» DIRECT CAD CAM	✗	✗	✗	✗	✗	✗
» SEMI CAD CAM	✗	⚠	⚠	✗	⚠	✓
» INDIRECT CAD CAM	✗	⚠	⚠	✗	⚠	✓
 RADIOLOGY 2D	✗	✓	✓	✗	✓	✗
 RADIOLOGY 3D	✗	⚠	⚠	✗	⚠	✗
 COMPUTER-GUIDED SURGERY	✗	✗	✗	✗	✗	✓
 DIGITAL TINTING	✗	✓	✓	✗	⚠	✗
 DENTAL SIMULATION SOFTWARE	✓	✓	✓	✗	✓	✗

# THE NEW TECHNOLOGIES OF MANAGEMENT, ADMINISTRATION AND COMMUNICATION

	 DENTAL ASSISTANT	 DENTAL ASS WITH SPECIALIZATION*	 DENTAL CHAIR ASS	 ADMINISTRATIVE ASSISTANT	 DENTAL HYGIENIST	 TECHNICIAN LAB
 PATIENT DATA MANGEMENT						
 ONLINE APPOINTMENT AND MANAGEMENT TOOLS						
 COMMUNICATION TOOLS						
 E-INFORMATION/ REPUTATION						



WG strongly recommends that its member countries update the job and training standards of the dental professions in order to meet the challenges of digitalization in dental practices



These are the conclusions of the dental team working group to be considered and eventually amended by each dental national association considering their own regulations

**ANY QUESTIONS ?**

