



**ERO**  
**WG DENTAL TEAM**  
**in Practice of 2030**

**April 26, 2019**  
**Frankfurt**



# WG DENTAL TEAM

The *WG Dental Team* changed its name  
into

**Dental Team in Practice of 2030.**

# WG DENTAL TEAM





# WG DENTAL TEAM

- **What new challenges will our profession face?**
- **What new technologies will affect our practice?**
- What does the new generation of dentists expect?
- What is the future dental team?
- What about the risk assessment in our practice?

# WG DENTAL TEAM

**Chronologically, work priorities will be proposed concerning:**

- **Management in the practice - Change in curricula of DT**
- **Qualification in Using of new technologies/ digital medias**
- **Harmonization among European countries DT profiles**
- **Optimizing in recruiting members of DT**
- **Quality of procedures in the in Dental Team**
- **Changing model of profession(s) – new models of practicing Dentistry in DT.**



# WG DENTAL TEAM

- The Dental Team 2030 , under supervision and delegation of the dentist needs more additional topics to actual Curricula . **A specific education and examination provided by competent authority/ dental associations is necessary to fulfill new tasks related to new social needs and developments of new technologies .**

# DENTAL PRACTICE

## Back to the Future

- Resin “white fillings” **vs** the amalgam alloys
- Ceramic and resins restorations (metal free) **vs** metal restorations
- Adhesive technology **vs** old cavity designs
- Implants **vs** bridges and removable prosthetics
- Management Digital Systems **vs** “paper docs” to support practice **management**
- CAD CAM system 3 D Printing **vs** impressions and casts
- Digital Xrays **vs** printed on films



# DENTAL PRACTICE

## Back to the Future

- Cone Beam **vs** Ortho Pan Tomography
- Lasers **vs** scalpels or other oral surgical procedures
- Digital implant planning **vs** drilling templates
- Orthodontics aligners **vs** brackets and wires
- Internet and digital technologies enable to manufacture special devices as abutments ,over structures , drilling templates etc **vs** hand made procedures





# DENTAL PRACTICE

## Dental Practice of 2030

- **The existing new technologies will become part of most practices**
- **Digital X Rays, impressions will be produced at chairside**
- **Seamless integration and increases automation of existing digital equipment will be major improvement and integration**
- **Artificial Intelligence and Biotechnology**



# DENTAL PRACTICE

## Trends of Practices of 2030

- **Strong increase of female dentists**
- **Group practices or enlarged dental clinics**
- **Number of practices which incorporate work currently made in the lab will grow**
- **Increasing of infection control and waste management**
- **Increasing of docs including new eu regulation 679/2016 about privacy management**

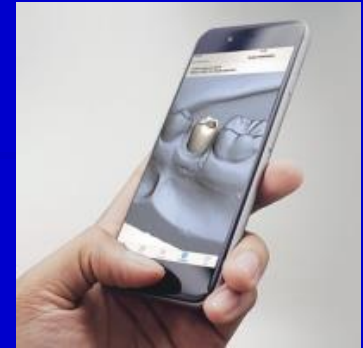


# DENTAL PRACTICE

## Trends of Practices of 2030

- Practice management software has to be interfaced to all equipment
- Voice control and artificial intelligence technology for new automation
- Digital systems RFDs and bar codes
- Software and digital equipment has to be connected to practice convenience to professional partners, labs suppliers , patients, insurances

# DENTAL PRACTICE



## Trends of Practices of 2030

- Patients may load a dentist app to their cell and do scheduling without talking to an assistant
- Patients may identify themselves when entering the practice by app or card
- Patient Medical System checks status of all equipment in scheduled room for treatment, transmits patients data and adapts equipment for treatment including other treatment rooms and reception
- Checks of equipment itself and calls for service when needed to remote assistance service
- Voice control when hands are busy (as cells)

# DENTAL PRACTICE



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# WG DENTAL TEAM

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**WE NEED A VERY STRONG  
COOPERATION WITH OTHER  
WORKING GROUPS !!!!!!!!!!!**

We must give more quality to  
defend our profession !!



## **SURVEY: Dental Team in ERO Countries**

The dental workforce provides oral healthcare and includes dentists, clinical dental auxiliaries and other dental auxiliaries.

The regulations relating to dental auxiliaries are less circumscribed. So, the permitted duties of such as dental chairside assistants, hygienists, therapists and clinical dental technicians may vary from country to country. Also, in many countries, dental technicians do not provide services directly to patients, except for the provision of repairs to prosthodontic appliances, which does not require oral interventions?

*This 2-minute survey will help us understand how this workforce differs across the ERO region.*

•Do you have in your country? (check if Yes – leave white if NO)?

•Dental Hygienists

•Dental assistants - Dental chair assistants – Dental Nurses

•Dental prevention assistants

•Dental therapists

•Dental Technicians

•Other auxiliaries: .....

•Dental Hygienists: .....

•Dental assistants - Dental chair assistants – Dental Nurses:

.....

•Dental prevention assistants:

.....

•Dental therapists: .....

•Dental Technicians: .....

•Other auxiliaries: .....

Which of these auxiliaries have to register to be allowed to work (check if Yes – leave white if NO)? If, yes, please specify where (GDC, Order, Association, ...)

•Dental Hygienists: .....

•Dental assistants - Dental chair assistants – Dental Nurses: .....

•Dental prevention assistants:  
.....

•Dental therapists: .....

•Dental Technicians:  
.....

•Other auxiliaries: .....



•Which of these auxiliaries can work independently from the dentist? (check if Yes – leave white if NO)?

- Dental Hygienists
- Dental assistants - Dental chair assistants – Dental Nurses
- Dental prevention assistants
- Dental therapists
- Dental Technicians
- Other auxiliaries: .....

For any of these auxiliaries, is there is a direct financial relationship the patient or a 1/3 party (Can the auxiliary be financially independent from the dentist)? (check if Yes – leave white if NO)?

Dental Hygienists

Dental assistants - Dental chair assistants – Dental Nurses

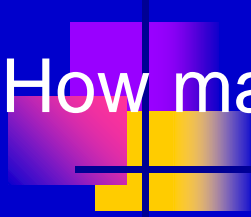
Dental prevention assistants

Dental therapists

Dental Technicians

Other auxiliaries:

.....



# How many auxiliaries are there in your country?

Dental Hygienists:

.....

Dental assistants - Dental chair assistants – Dental

Nurses: .....

Dental prevention assistants:

.....

Dental therapists:

.....

Dental Technicians: .....

Other auxiliaries:

.....

Undergraduate training

•What was is the total (clinical + theory) length of the training for each of the auxiliaries (specify years or hours)?

•Dental Hygienists: .....

•Dental assistants - Dental chair assistants – Dental Nurses:.....

•Dental prevention assistants:  
.....

•Dental therapists: .....

•Dental Technicians: .....

•Other auxiliaries: .....

- Where are the auxiliaries trained (circle the correct answer(s))?
- Dental Hygienists: University – Private School – Dental Practice - Other
- Dental assistants - Dental chair assistants – Dental Nurses: University – Private School – Dental Practice - Other
- Dental prevention assistants: University – Private School – Dental Practice - Other
- Dental therapists: University – Private School – Dental Practice - Other
- Dental Technicians: University – Private School – Dental Practice – Other Public
- Other auxiliaries: University – Private School – Dental Practice - Other



# WG DENTAL TEAM

## **New Equipments and Technologies:**

CAD CAM / Impressions?

CONE BEAM COMPUTER TOMOGRAPHY?

Knowledge and use of commom softwares on the market

Knowledge of management program of the practice including data system control.

Knowledge of management assesment of the practice of 2030

## **Social Needs**

Take care of special needs people including elderly people.



# WG DENTAL TEAM

Next Meeting Feb 8, 2019 in  
Frankfurt

Thank You All !