

Digitalization and Dental Team

Working Group – Dental Team
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Dental world is changing the dental profession

What's the plan ?

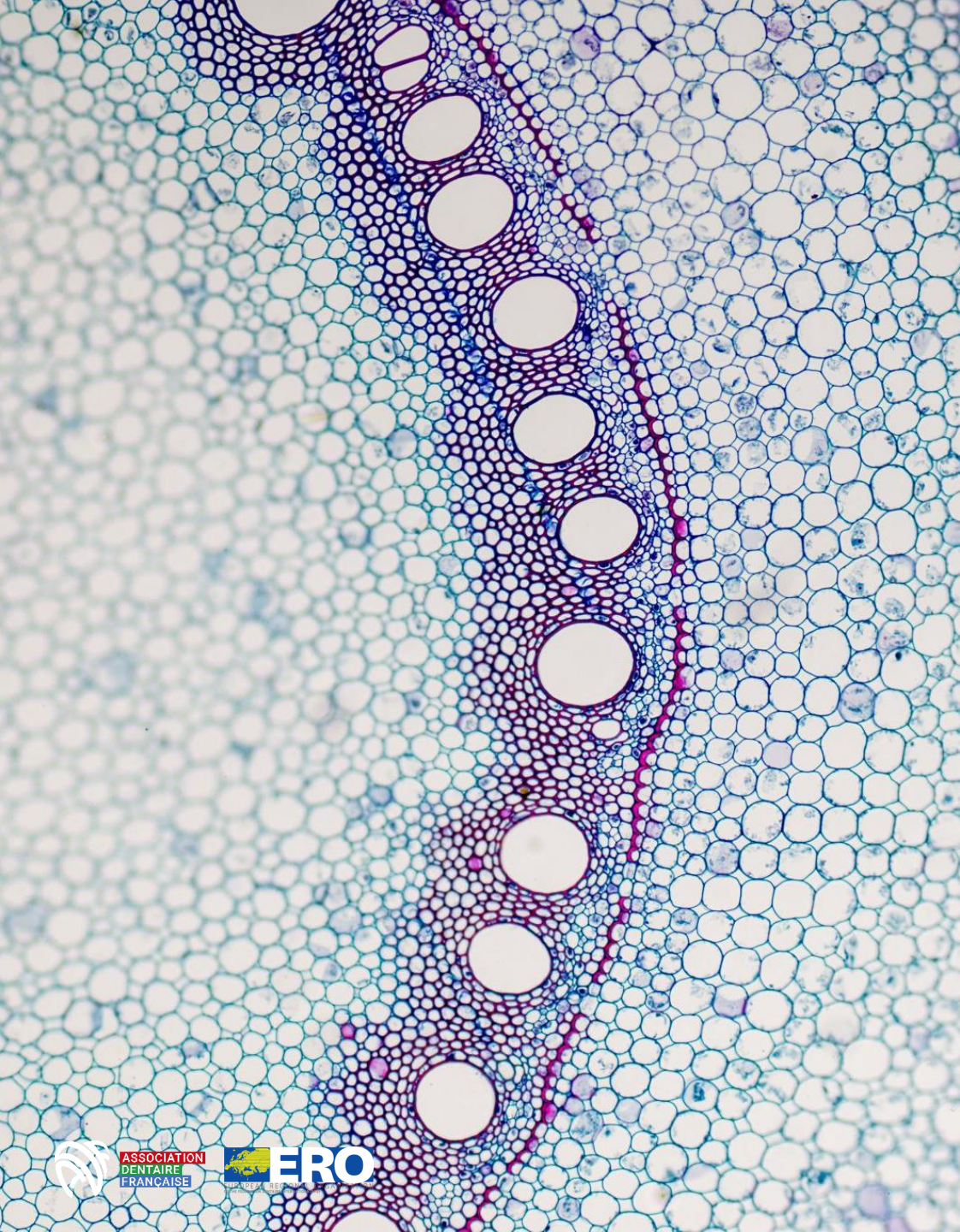
The dental team must be ready to take up these challenges of tomorrow and know how to apprehend the new technologies and digitalization

- Techniques and digitalization towards simplified diagnosis, presentation and realization
- The new technologies of management, administration and communication.



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1- Techniques and digitalization

towards simplified diagnosis, presentation and
realization



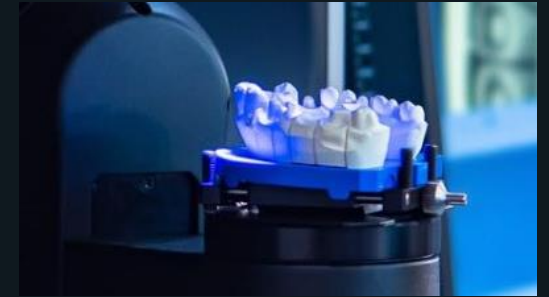
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Prosthetic and orthodontic

- CAD/CAM (Computer Assisted Design / Computer Assisted Manufacturing)
 - ✓ Direct CAD/CAM
 - ✓ Semi-direct CAD/CAM
 - ✓ Indirect CAD/CAM
- ✓ The intraoral cameras or optical impression camera



Advantages

- Save time and guarantees reliable restorations
- The manufacturing steps and times are shortened
- The restorations are more precise, the risk of error is reduced and data storage is facilitated.
- Improves professional image

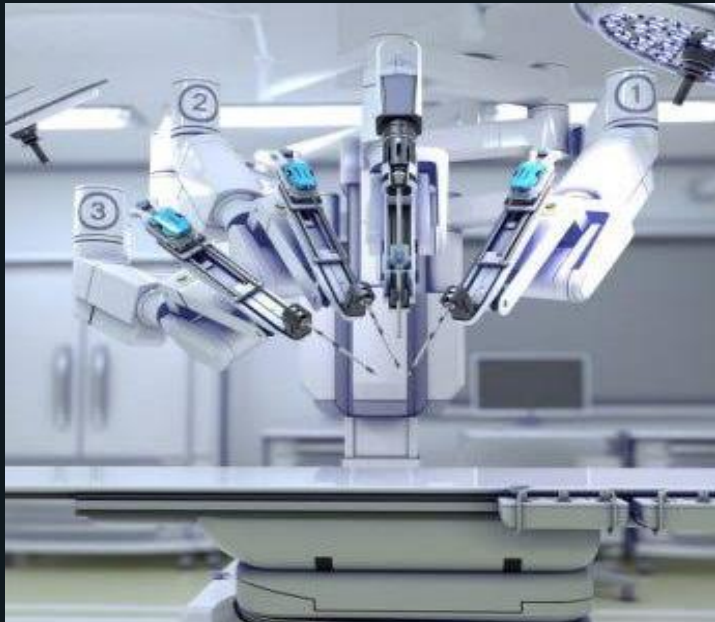


Radiology

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.



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Full updated dental team :

- will organize the whole framework of all these interventions at different steps.
- will play an active role from the ergonomics to the protocols, through the setting of the software and the management of the stocks of materials/data

2- The new technologies

of management, administration and communication



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New technologies



Patient digital data
management – e-health



Online appointment scheduling
platforms and management tools

New technologies



Communication tools

e-information



Conclusion



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- New technologies are changing dentistry
- Dental team must evolve.
- Knowledge in order to get the best out of new technologies them.
- Integration into initial training and/or in continuing education.

- ✓ ERO reminds us that there are different job descriptions and competences for the dental team. It is the updated skills and knowledge of the members of the dental team that contribute to develop the dentistry of the future.
- ✓ ERO 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



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Any Questions ?



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