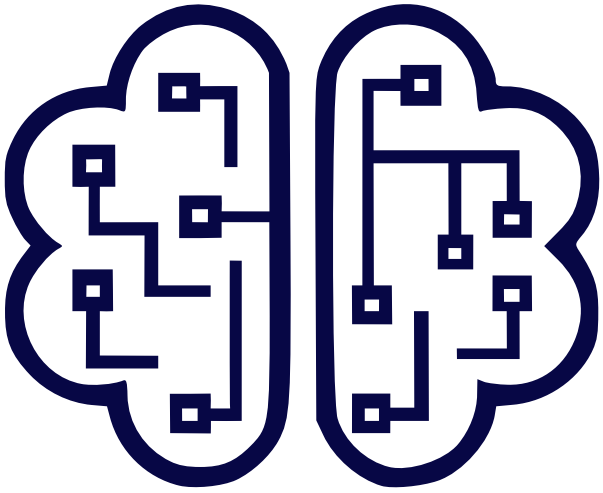
Planul Național de Redresare și Reziliență

Finanțat de Uniunea Europeană NextGenerationEU



TEAM Project

Technologically Enabled Advancements in Dental Medicine

WP4 – Project Management and Dissemination

D4.1 Report on dissemination and communication activities

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This project has received funding from the Government of Romania and the National Authority for Research (ANC) under the PNRR – Component C9, Investment I8, Contract PNRR-III-C9-2023-I8, CF.80/31.07.2023, No. 760235/28.12.2023.

I. Introduction

The purpose of this deliverable is to summarize the communication and dissemination activities carried out within the TEAM Project. The activities were designed to increase the visibility of the project, disseminate scientific results, support knowledge transfer, facilitate networking among researchers and clinicians, and promote digital technologies and artificial intelligence applications in dentistry and maxillofacial surgery.

The dissemination strategy pursued several objectives:

- promotion of research results generated within the project;
- support for scientific publishing and conference participation;
- development of educational resources and training materials;
- strengthening national and international research collaborations;
- increasing institutional visibility through participation in competitive research programmes;
- dissemination of knowledge to students, clinicians, researchers, and the wider scientific community.

II. Digital Communication Channels

The project website was established as the main communication and dissemination channel. The website provides information regarding project objectives, consortium activities, research results, educational resources, scientific publications, events, and training opportunities.

The platform hosts dedicated sections for:

- project news and announcements;
- educational materials and courses;
- scientific publications;
- event calendar;
- video resources;
- public project deliverables.

To increase the visibility of project activities and outputs, regular updates were disseminated through social media channels, promoting scientific achievements, events, publications, training opportunities, and educational resources.

Multimedia dissemination activities were implemented through the DentiHub Video Library and the project's YouTube channel. Educational videos, presentations, and knowledge clips were developed to facilitate the dissemination of information related to digital dentistry, artificial intelligence, CBCT imaging, virtual patients, and other emerging technologies in dental medicine.

III. Scientific Publications

Dissemination of scientific results was primarily achieved through publication in peer-reviewed journals.

By Month 30, the project generated:

Indicator	Value
BDI/ISI-indexed publications (Q2-Q4)	5
ISI Q1 publications	8
Patent applications	1

The publications addressed topics including:

- AI-assisted diagnosis of temporomandibular disorders;
- dental pathology detection on panoramic radiographs;
- caries segmentation;
- robotic-assisted implant surgery;
- orbital segmentation;
- low-dose CT enhancement;
- additive manufacturing in dentistry.

IV. Scientific Conferences and Networking Activities

The project strongly supported scientific dissemination through participation in national and international conferences. Results were presented at:

- European Congress of Radiology (ECR);
- European Orthodontic Society Congress;
- European Association for Cranio-Maxillo-Facial Surgery Congress;
- International Association of Dentomaxillofacial Radiology (IADMFR);
- Digital Dentistry Society Global Congress;
- national congresses and scientific meetings.

Of particular note was the presentation: *A Multiparametric MRI Protocol for Parotid Gland Tumors Diagnosis*, which received the **Clinical Imaging Advance Award** at the Digital Dentistry Society Global Congress 2025.

V. Training Events and Workshops

Communication and dissemination activities were also implemented through educational events organized by the project. The project organized:

Activity	Number
Workshops	6
Courses	4

Scientific round tables	3

These activities facilitated knowledge transfer, networking, and the dissemination of project methodologies and research findings.

VI. Innovation Dissemination and Intellectual Property

The project generated one patent application:

Pisla D., Dinu C., Tucan P., Mocan R., Vaida C., Pisla D., Hedeșiu M. *Intelligent robot with 3D navigation system for oral surgery*, Patent Pending A2024 00581/30.09.2024.

The patent application represents an important dissemination route for project results with translational and commercialization potential.