



Informed Consent for the Use of Artificial Intelligence (AI) in Dental Care

Patient Name: _____

Date: _____

Overview

Our practice uses advanced technologies, including Artificial Intelligence (AI), to support dental care. AI refers to computer systems that assist with analyzing clinical data, images, and records to help dental professionals in diagnosis, treatment planning, documentation, and administrative functions.

How AI May Be Used

AI tools in our office may be used to:

Assist in interpreting dental radiographs (X-rays) and images

Help identify potential conditions (e.g., cavities, bone loss, infections)

Support clinical decision-making and treatment planning

Aid in documentation, record-keeping, and communication

Improve efficiency and accuracy in administrative processes

Nature of AI Assistance

AI is a support tool only and does not replace the clinical judgment of your dentist.

All diagnoses and treatment decisions are reviewed and confirmed by a licensed dental professional.

Benefits

The use of AI may:

Enhance diagnostic accuracy and consistency

Support earlier detection of dental conditions

Improve efficiency and quality of care

Help personalize treatment planning

Limitations and Risks

AI systems are not perfect and may occasionally miss or incorrectly identify findings

Recommendations generated by AI may not always apply to your unique situation

Technical errors or system limitations may occur

There may be evolving standards and regulations around AI in healthcare

Data Use and Privacy

AI systems may analyze your de-identified or identifiable health information as part of your care

We take reasonable measures to protect your privacy and comply with applicable laws (e.g., HIPAA)

Your information will not be sold and will be used only for treatment, operations, or as otherwise permitted by law

Voluntary Participation

Your consent to the use of AI is voluntary

You may decline or withdraw consent at any time without affecting your right to receive care

Declining AI use may limit certain diagnostic or efficiency benefits

Questions

You are encouraged to ask questions about how AI is used in your care. We are happy to provide additional information.

Consent

By signing below, I acknowledge that:

I have read and understand this information

I have had the opportunity to ask questions

I consent to the use of Artificial Intelligence as described above in my dental care

Patient Signature: _____

Date: _____

Provider:

Date:

Comprehensive Informed Consent you can use in your dental practice for the use of artificial intelligence (AI). You may customize it with your practice name, specific technologies, and state requirements.

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