AI in Dental Treatment

**MTi AMERICA**
Powered by Workforce Dental Solutions

Background

John, a construction worker, suffered a facial injury at his worksite. He was referred to a local dentist who, after an initial evaluation, recommended implants for alleged broken teeth resulting from the accident.

The AI Intervention

Proprietary AI technology reviewed John's case. The AI system analyzed the X-rays and other provided documentation, comparing them with a vast database of dental case histories.

CASE STUDY

The Challenge

The proposed treatment plan was extensive and costly. It was crucial to determine whether the recommended dental implants were indeed necessary due to the accident or if they were addressing a pre-existing condition.

The Outcome
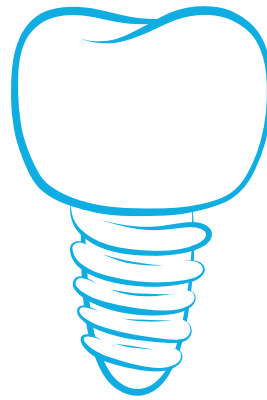
The AI system identified that the dental issues John was facing were related to a pre-existing condition and not the recent accident. It determined this by recognizing patterns of wear and tear on the teeth that indicated a condition much older than the recent injury.

The Impact

This insight prevented unnecessary procedures and saved significant costs for the payer. It also ensured that John received appropriate treatment for his work-related injury, while separately addressing his pre-existing dental condition.

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