

MAGNETOM Free.Max Dental Edition<sup>1</sup>

# Breaking barriers in dental imaging

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Strategic  
Partner

Magnetic  
Resonance



# MAGNETOM Free.Max Dental Edition

Breaking barriers in dental imaging.

Despite the advances in the existing dental imaging modalities, the complete picture needed to confidently diagnose certain conditions or detect early-stage oral disease is often missing. But by harnessing the power of MRI for dentistry to complement the diagnostic value of existing modalities, we can change this. By leveraging a new dimension of imaging only MRI can deliver, we envision to complete the picture of dental imaging that is currently out of reach – to break barriers and make the invisible visible.

Introducing MAGNETOM Free.Max Dental Edition – the pioneering MRI that is designed to open up new possibilities in dental imaging for diagnostic confidence in corrective and preventive care.

Leveraging the new dimension in imaging enabled by MRI, we aim to empower dentistry with more information that can turn page on diagnostics and treatment planning for each patient in different clinical arenas, including:

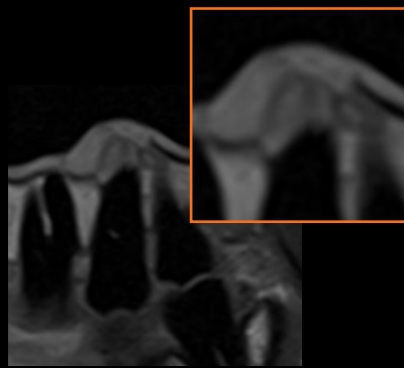
- Oral and maxillofacial structures
- Temporomandibular joint (TMJ)
- Endodontic structures
- Periapical inflammation in endodontics
- Periodontal structures
- Orthodontic structures

## Making the invisible visible

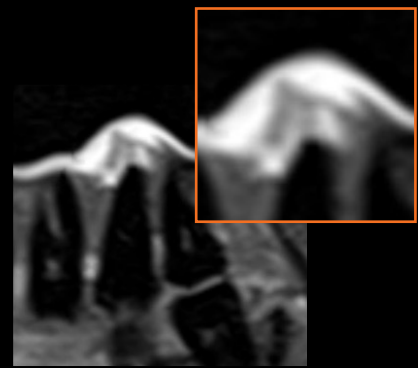
Leveraging the unique advantage of MRI in visualizing soft tissue with exquisite contrast, the invisible tissue structures and lesions can potentially be made visible.



**CBCT image**  
Delineating the lesion  
No information on lesion status



**MR image**  
Visualizing the lesion



**MR image**  
Unique MRI contrasts visualize  
an inflammation

# Pioneering dental dedicated MRI

By harnessing the game-changing diagnostic powers of MRI to meet the specific needs of dentists, MAGNETOM Free.Max Dental Edition is designed to pioneer a new frontier in dental imaging.



## Empowering a dental-dedicated workflow

MAGNETOM Free.Max Dental Edition is designed to enable a seamless and fast dental-dedicated MRI workflow with intuitive and automated patient setup and acquisition.



## Redefining the field for diagnostic confidence

Leveraging the unique tissue visibility enabled with MRI, latest image reconstruction innovations, and a unique magnet design, MAGNETOM Free.Max Dental Edition is designed to deliver confident diagnostic information, every time.



## Eliminating infrastructure complexity

MAGNETOM Free.Max Dental Edition's compact, lightweight design together with the helium-free<sup>1</sup> DryCool technology is envisioned for easy integration into your current dental set-up.

Learn more about the  
MAGNETOM Free.Max Dental  
Edition on our webpage

[siemens-healthineers.us/  
free-max-dental-edition](https://siemens-healthineers.us/free-max-dental-edition)



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<sup>1</sup> 0.7L of liquid helium.

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