

Implants

A cone beam CT scan can display anatomy to determine if adequate bone is available for implants. Nerves and relevant anatomy can be viewed in 3 dimensions for optimal treatment planning.



Temporomandibular Joint Dysfunction:

Facial pain and symptoms of TMJ degenerative joint disease can originate in many areas of the face. CBCT data can provide detailed views of the anatomy of the TMJ's, teeth, sinuses and airway to assist in the diagnosis and treatment of facial pain.



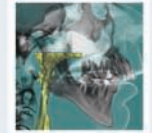
Orthodontics

Orthodontic treatment requires a thorough evaluation of the relationships between the face, teeth, and jaws. CBCT can provide this data to optimize orthodontic treatment.



Airway

3 dimensional images and subsequent data analysis of the airway and supporting structures can be obtained to identify airway obstruction and anatomic structures that may influence airway dimensions.



Impactions

Impacted teeth and their adjacent anatomy can be viewed in detail. DDI creates an interactive 3D model of the impacted tooth and adjacent structures for accurate analysis and treatment planning.



Fractured Teeth

Data from a high resolution focused beam 3D scan can be helpful to identify root fractures.



Pathosis

Reconstruction of data sets in 3 dimensions can reveal obscure anatomy and facilitate identification of abnormal biologic processes (pathosis).

