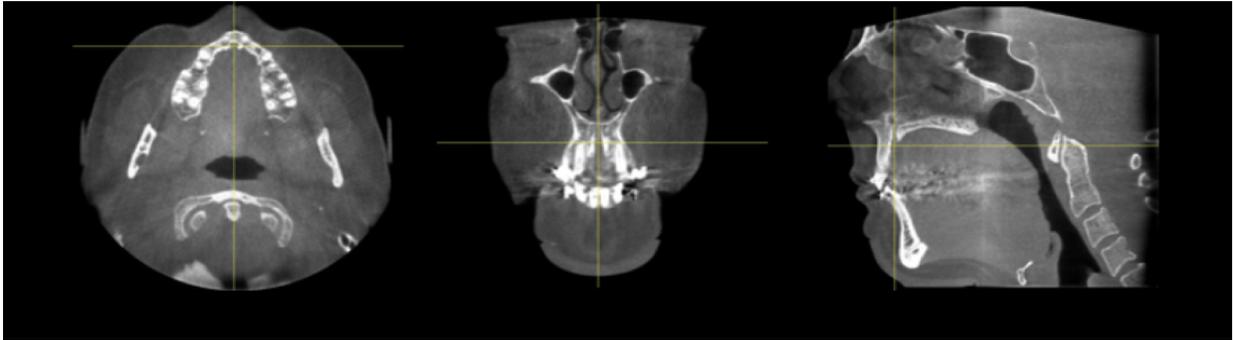


Dental and Maxillofacial Radiology Omaha LLC

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PATIENT: Ms. Mary Doe
DOB: 11/8/1952 **AGE:** 65 **GENDER:** F
OFFICE: Dr Sample
CLINICAL NOTES: Please evaluate mass Right TMJ area .

REPORT DATE: 6/19/2018
STUDY DATE: 6/14/2018
SERIAL #: 5014
ICD-10 DIAGNOSIS CODES:
M26.69 - TMJ osteoarthritis

REPORT TYPE: TMJ examination

OBSERVATIONS

DENTAL FINDINGS:

Missing teeth -:
Implants -:
Restorations -:
Endodontics -:
Apical pathology:-
Periodontology -:
Alveolar bone -:
Third molars -:

Specific findings :-
Left TMJ closed: Normal condylar head shape, trabeculation, cortication. Centrally placed in fossa. Normal glenoid fossa and articular eminence.
Right TMJ closed: Condylar head has normal cortication and trabeculation. However, there is a piece of bone 6 x 2 mm in the upper joint space above the condyle. There is an osteophyte on the anterior surface of the condyle. There are unattached osteophytes anterior to the condyle which appear to be in two pieces 9 x 5 mm and 6 x 11 mm. Axial view Right TMJ: Free osteophytes (arrows).

TMJS:

SINUSES: The paranasal sinuses and osteomeatal complex within the field of view are unremarkable.

AIRWAY: The naso-oropharyngeal airway space dimension within the field of view is within normal limits.

CERVICAL SPINE: The cervical spine within the field of view is unremarkable.

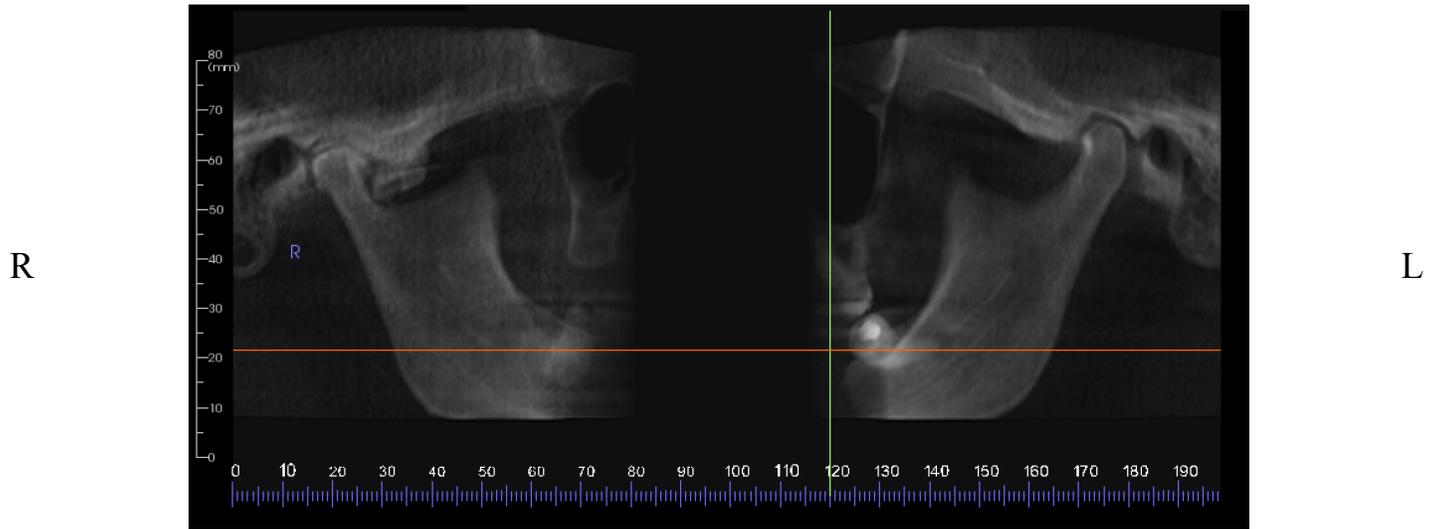
CALCIFICATIONS:

IMPRESSIONS:

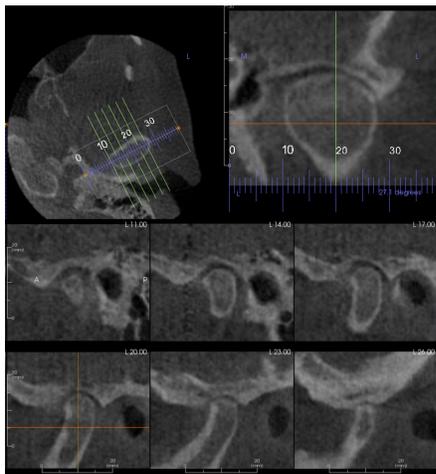
Left TMJ is normal.

Right TMJ has severe degenerative joint disease with one osteophyte attached to anterior condylar head and one large and one smaller osteophyte lying free and anterior to condylar head. There is a smaller osteophyte which is in one or two pieces lying free in the upper joint space. Is there a history of trauma to this joint? In the absence of signs or symptoms then suggest another CBCT in one year to monitor for change. If signs or symptoms then I suggest review by an oral surgeon.

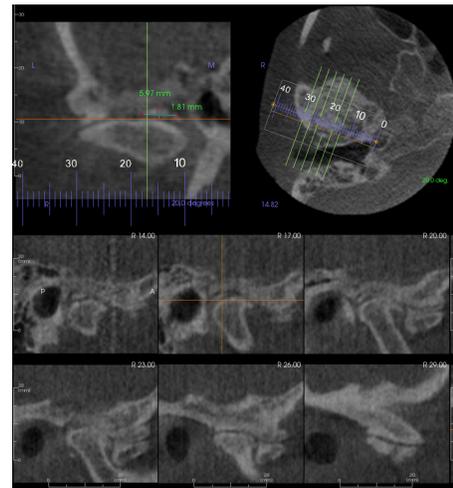
REFORMATTED PANORAMIC IMAGE OF SCANNED VOLUME



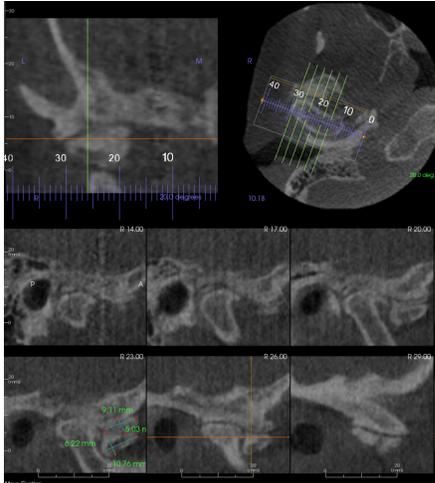
SELECTED IMAGES - to see enlarged images click +300% on PDF tool bar.



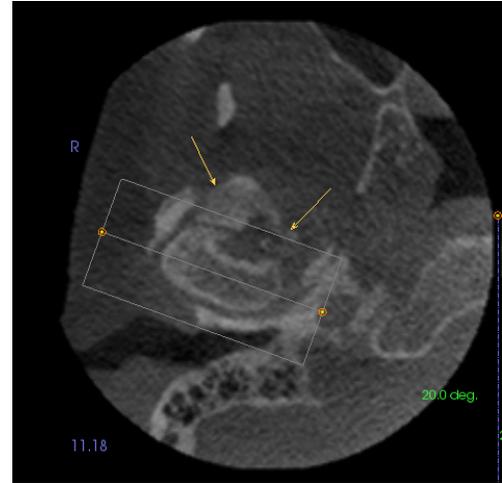
Left TMJ closed: Normal condylar head shape, trabeculation, cortication. Centrally placed in fossa. Normal glenoid fossa and articular eminence.



Right TMJ closed: Condylar head has normal cortication and trabeculation. However, there is a piece of bone 6 x 2 mm in the upper joint space above the condyle. There is an osteophyte on the anterior surface of the condyle.



Right TMJ closed: There are free osteophytes anterior to the condyle which appear to be in two pieces 9 x 5 mm and 6 x 11 mm.



Axial view Right TMJ: Free osteophytes (arrows).

PLEASE NOTE: The radiologic findings and impression of this report are developed by Dr. Douglas K Benn, DDS, PhD, Oral and Maxillofacial Radiologist and Professor Emeritus of the University of Florida. The information and/or recommendation(s) contained herein is/are based upon the provided history and imaging rationale, images and volumetric data set and is for consultation purposes only. As with all diagnostic imaging, cone beam CT has diagnostic limitations. Diagnosis, medical advice and treatment is the sole responsibility of the treating physician or dentist.