nurow.ai

<u>Report</u>

20 Nov 2021

Patient Summary :

Full Name: Quentin Beck
DoB: 01/06/1964
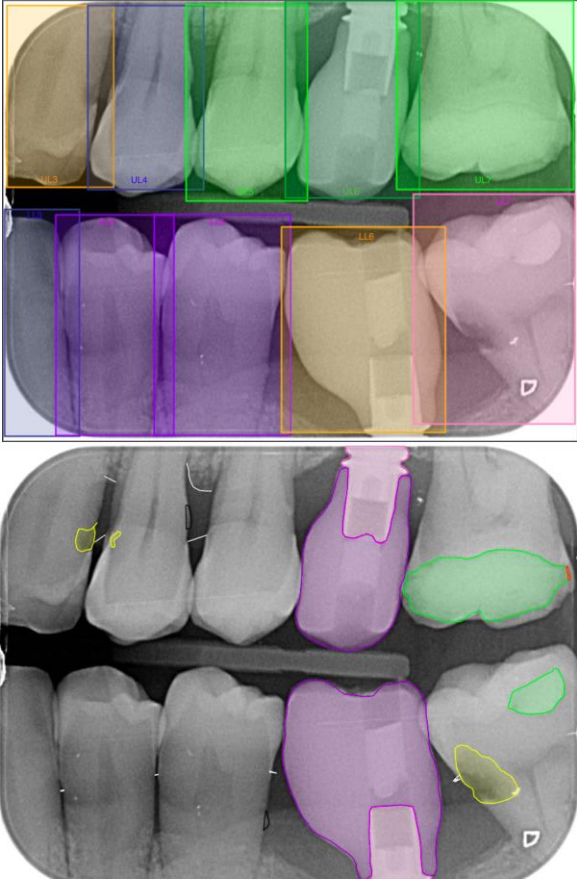Address: 20 Ingram Street, London, W1K 1QA
Telephone: 07907907907

Radiograph Analysis

Analysis Completed

1. Tooth Identification
2. Natural Anatomy Analysis
3. Foreign Structures Analysis
4. Diagnosis Analysis
   1. Caries (Decay) Analysis
   2. Bone Loss Analysis

Analysis Summary

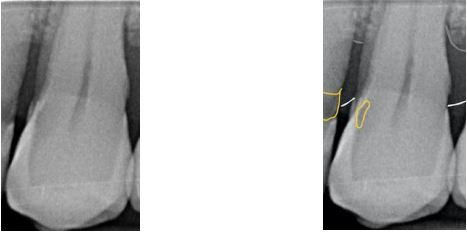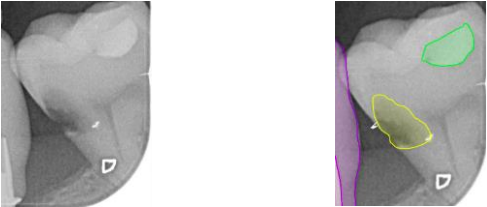| Tooth Number	Natural structures identified	Foreign structures Identified	Pathology Identified/ Notes
UL3	E,D,P		Caries, Bone-loss
UL4	E,D,P,CEJ		Caries, Bone-loss
UL5	E,D,P,CEJ		Bone-loss
UL6		Restoration, Implant	
UL7	E,D,P,CEJ	Restoration	Marginal Discrepancy?, Bone-loss
LL3	E,D,P,CEJ		Bone-loss
LL4	E,D,P,CEJ		Bone-loss
LL5	E,D,P,CEJ		Bone-loss
LL6		Restoration, Implant	
LL7	E,D,P,CEJ	Restoration	Caries, Bone-loss
Image			

Caries (Decay) Report

Patient Risk factors:
Medical History: Diabetes
Diet: High Sugar Frequency
40% restored teeth on image (historical risk) [Fillings: Unrestored teeth]

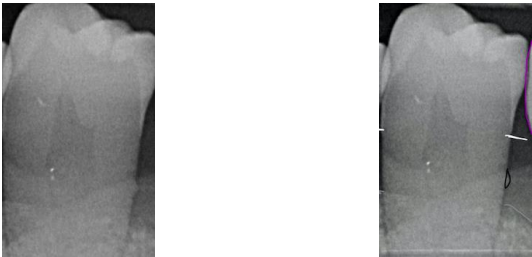| Tooth Number	Position on Tooth	Advancement Level	Indicators	Uncertainties	Confidence %
UL3	Proximal	Dentine	Irregular shaped radiolucency. Enamel blunting at CEJ. Diabetic. High Sugar Frequency reported. 40% image restoration rate.		87%
Image					
UL4	Proximal	Dentine	Open contact point. Mirror caries on adjacent tooth. Diabetic. High Sugar Frequency reported. 40% image restoration rate.	Enamel Knife edge shape intact. Check additional views if available!	7%
Image					
LL7	Proximal	Dentine	Irregular shaped radiolucency. Enamel blunting at CEJ. Diabetic. High Sugar Frequency reported. Tilted tooth. Potential food trap gap.		96%
Image					

Marginal Discrepancy

Caries risk:
40% restored rate on image (Restored teeth: Unrestored teeth)
30% caries identified on image (Carious teeth: Non-carious teeth)

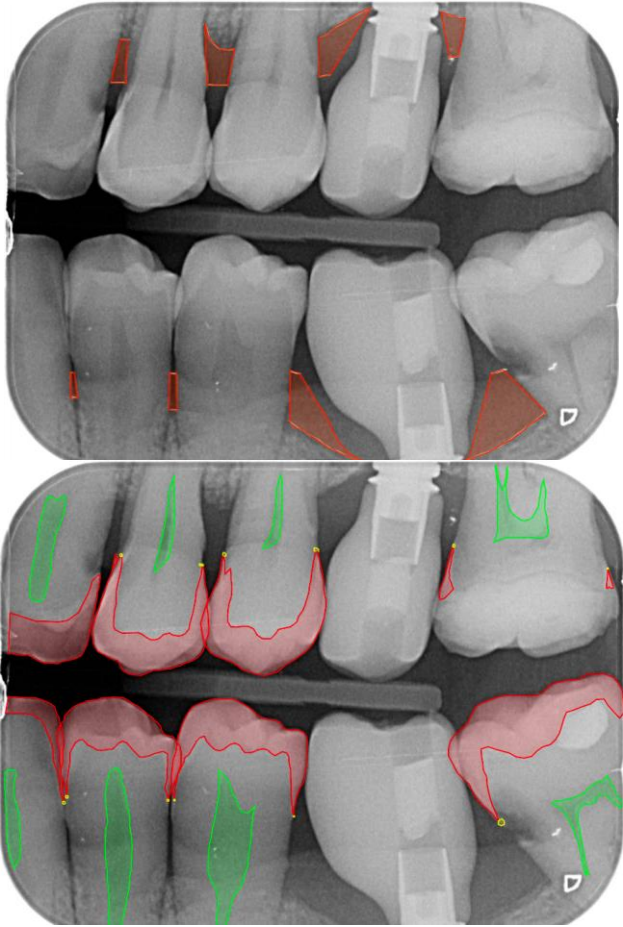| Tooth Number	Position on Tooth	Indicators	Uncertainties	Confidence %	Suggestion
UL7	Distal	Break in outline form from restoration to tooth structure.	Check additional views if available! Visual assessment.	13%	Further investigation
Image					

Calculus

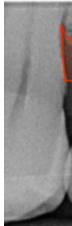| Tooth Number	Position on Tooth	Indicators	Uncertainties	Confidence %
UL4	Distal	Bulbous radiopacity.	Broad based. Smooth appearance. Check additional views if available! Tactile assessment advised.	33%
Image				
LL5	Distal	Bulbous radiopacity.	Smooth appearance. Check additional views if available! Tactile assessment advised.	37%
Image				

Bone-loss Report

Diagnosis:
Generalized Mild-early moderate horizontal bone-loss
Angular bone loss associated with UL4

Patient Risk Factors:
SH: Smoker 10/day
MH: Diabetes
OH regime: No interdental cleaning

Number of Teeth identified on Xray	CEJ reference points identified	Current bone level tracing confidence %	Impediments to diagnosis identified	Confidence % in diagnosis
10	13	99%	Overlapping teeth on image.	96%
Image				

Angular bone-loss

Tooth Number	Position of Angular bone-loss	Furcal bone-loss	Indicators	Uncertainties	Calculus detected	Confidence %
UL4	Distal	Nil	Oblique/angular orientation of loss identified in relation to long axis of tooth.	Horizontal bitewing view not recommended for diagnosis. Check additional views if available!	Y	4%
Image						

Tooth Number	Position of Angular bone-loss	Furcal bone-loss	Indicators	Uncertainties	Calculus detected	Confidence %
UL4	Distal	Nil	Oblique/angular orientation of loss identified in relation to long axis of tooth.	Horizontal bitewing view not recommended for diagnosis. Check additional views if available!	Y	4%