

# nurow.ai

## Report

20 Nov 2021

### Patient Summary :

Full Name: Quentin Beck  
DoB: 01/06/1964  
Address: 20 Ingram Street, London, W1K 1QA  
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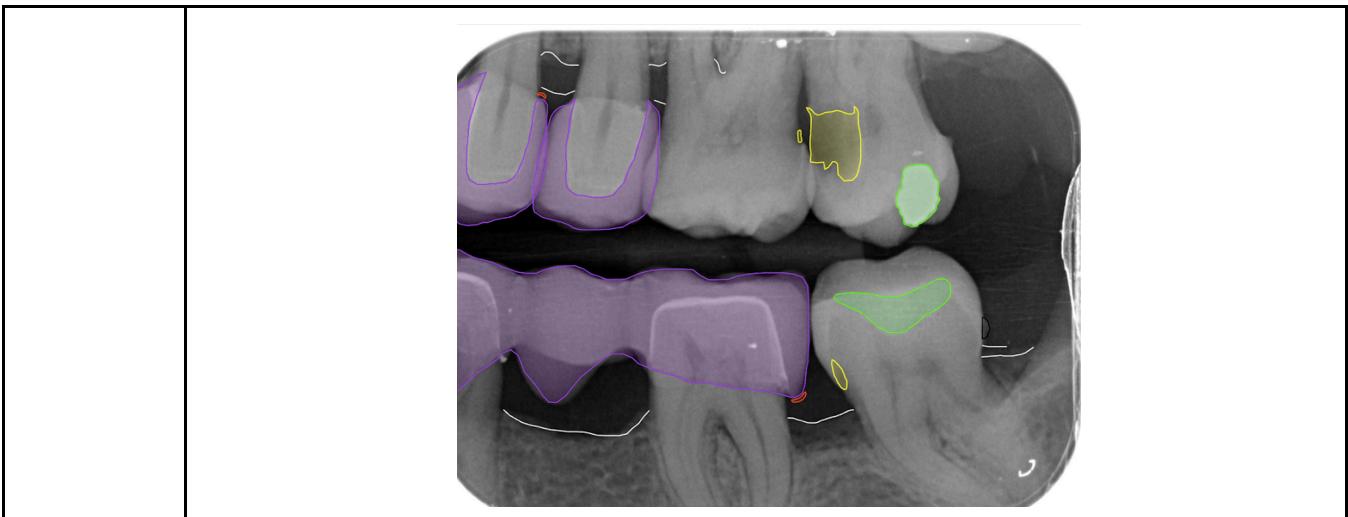
### Radiograph Analysis

#### Analysis Completed

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

## Analysis Summary

Tooth Number	Natural structures identified	Foreign structures Identified	Pathology Identified/ Notes
UL4	D,P	Crown	Overhang, Bone-loss
UL5	D,P	Crown	Bone-loss
UL6	E,D,P,CEJ		Caries, Bone-loss, Furcal bone-loss
UL7	E,D,P,CEJ	Restoration	Caries, Bone-loss, Calculus
LL4	P	Crown (Abutment)	Bone-loss
LL5		Pontic	
LL6	D,P	Crown (Abutment)	Overhang, Bone-loss, Furcal bone-loss
LL7	E,D,P,CEJ	Restoration	Caries?/Cervical burnout, Bone-loss, Calculus
Image	 		



# Caries (Decay) Report

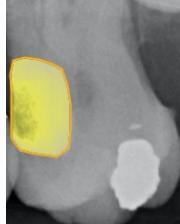
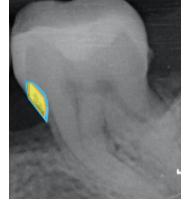
Patient Risk factors:

Medical History: Diabetic

Diet: High Sugar Frequency

87.5% restored teeth on image (historical risk) [Fillings: Unrestored teeth]

OH regime: ETBx2, Rare interdental cleaning

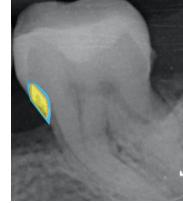
Tooth Number	Position on Tooth	Advancement Level	Indicators	Uncertainties	Confidence %
UL6	Proximal	Dentine	Mirror caries adjacent tooth. Blunting enamel at CEJ. Rare interdental cleaning reported. High sugar frequency reported. Irregular shaped radiolucency. 87.5% image restoration rate.	Check additional views if available!	87%
Image	 				
UL7	Proximal	Pulp	Mirror caries adjacent tooth. Blunting enamel at CEJ. Rare interdental cleaning reported. High sugar frequency reported. Irregular shaped radiolucency. 87.5% image restoration rate.		98%
Image	 				
LL7	Proximal	Dentine	Overhang adjacent tooth. Early bone loss. 87.5% image restoration rate. Potential food trap gap.	Enamel intact at CEJ Close to alveolar crest. Check additional views if available!	6%
Image	 				

# Uncertainty / Possible Caries

Caries risk:

87.5% restored rate on image (Restored teeth: Unrestored teeth)

25% caries identified on image (Carious teeth: Non-carious teeth)

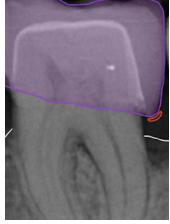
Tooth Number	Observation	Reason	Position on Tooth	Possibility	Suggestion
LL7	Cervical burnout	Enamel at CEJ intact. Lesion close to alveolar crest.	Mesial	<b>Caries?</b> <b>High ratio of historical restorations</b> <b>Potential food trap gap.</b> <b>Overhang adjacent tooth</b>	Further Investigation. Check additional views if available.
Image	 				

# Marginal Discrepancy

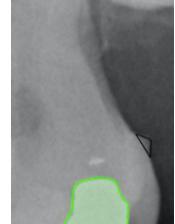
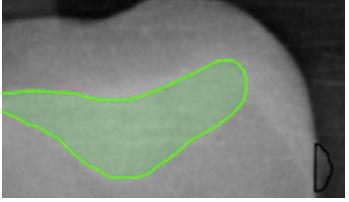
Caries risk:

87.5% restored rate on image (Restored teeth: Unrestored teeth)

30% caries identified on image (Carious teeth: Non-carious teeth)

Tooth Number	Position on Tooth	Indicators	Risks	Confidence %	Suggestion
UL4	Distal	Positive ledge. Not continuous with outline form of tooth.	Caries	71%	Further investigation
Image					
LL6	Distal	Positive ledge. Not continuous with outline form of tooth.	Caries	93%	Further investigation
Image					

# Calculus

Tooth Number	Position on Tooth	Indicators	Uncertainties	Confidence %
UL7	Distal	Irregular radiopacity. Hard to clean area.	Check additional views if available! Tactile assessment advised.	57%
Image	 			
LL7	Distal	Irregular radiopacity. Hard to clean area.	Check additional views if available! Tactile assessment advised.	59%
Image	 			

# Bone-loss Report

Diagnosis:

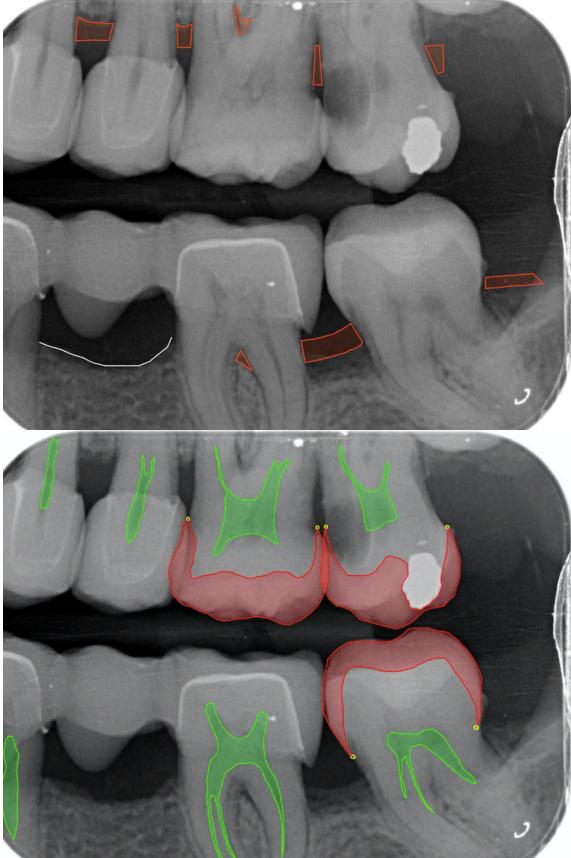
Generalized mild to moderate horizontal bone-loss  
Furcal bone loss associated with UL6, LL6

Patient Risk Factors:

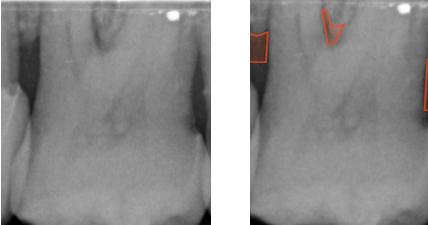
SH: Smoker 10/day

MH: Diabetes

OH regime: Rare interdental cleaning

Number of Teeth identified on Xray	CEJ reference points identified	Current bone level tracing confidence %	Impediments identified	Confidence % in diagnosis
7	6	97%	Restorations. Caries, Overlapping teeth on image.	97%
Image				

## Furcal bone-loss

Tooth Number	Indicators	Uncertainties	Calculus detected	Confidence %
UL6	Radiolucency between furcation fornx and bone level detected.		N	23%
Image				
LL6	Radiolucency between furcation fornx and bone level detected.		N	39%
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