

Analytical report

Dentist information

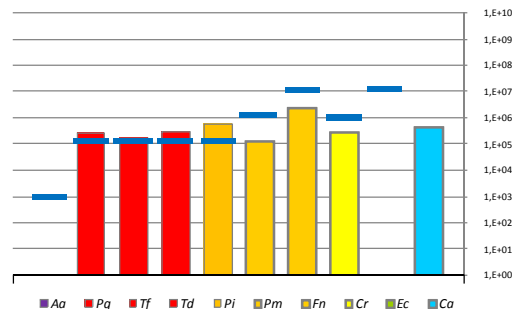
Name : Dr Martin Wu
 Address : 8 av George V- Paris 8
 France
 e-mail: -

Sample information

Patient : Fred Adamsberg
 Tooth/Implant number : pool
 Accession number : GC171011-001
 Date of collection : 05/10/2017
 Date of analysis : 11/10/2017

Microbiological results

Bacteria	Pathogenic load*	Pathogenic threshold**	Status***	% / Total Bacterial Count****
<i>Aggregatibacter actinomycetemcomitans</i>	0,0E+00	1,0E+03	-	0,00
<i>Porphyromonas gingivalis</i>	2,6E+05	1,0E+05	++	0,04
<i>Tannerella forsythia</i>	1,8E+05	1,0E+05	++	0,03
<i>Treponema denticola</i>	3,1E+05	1,0E+05	++	0,05
<i>Prevotella intermedia</i>	5,8E+05	1,0E+05	++	0,09
<i>Parvimonas micra</i>	1,3E+05	1,0E+06	+	0,02
<i>Fusobacterium nucleatum</i>	2,3E+06	1,0E+07	+	0,35
<i>Campylobacter rectus</i>	2,8E+05	1,0E+06	+	0,04
<i>Eikenella corrodens</i>	0,0E+00	1,0E+07	-	0,00
<i>Candida albicans</i>	4,4E+05	N/A	Positive	N/A
Total Bacterial Count	6,7E+08			


Microbiological situations/Treatment considerations

Clinical interpretation	
Periodontal pocket flora	Not balanced
Condition	Aggressive / active periodontal disease
Therapeutic recommendation	
Pathogen control	With a protocol to disrupt biofilm in association with local antiseptics - Surgical plasty suggested Reduce Ca with oral antifungal therapy using Nystatine, Amphotericine, Miconazole or Fluconazole
Home care	With local antiseptics
Antibiotic therapy	Metronidazol <i>*Suggested antibiotherapy option is at clinician's discretion (subject to allergy, drug interaction, medical consideration)</i>
Reassessment recommendation	
Reassessment	New analysis to assess the efficiency of the treatment and to compare the periodontal status of pre/post treatment (at least 12 weeks after antibiotic treatment)
Peri-implantitis prevention recommendation	
Implant placement	Not recommended
Possible complications	High risk of peri-implantitis - High risk of bone loss

Standard definitions

***Pathogenic load** : The amount of detected bacteria in sample

****Pathogenic threshold** : Represents a specific microbiological pathogenic load above which antibiotic therapy is recommended in order to reduce risk of tooth or implant attachment loss (periodontal disease or peri-implantitis)

*****Status** : Levels of microbiological pathogenic load

- Absent

+ Moderate and less than the pathogenic load threshold

++ High and more than the pathogenic load threshold. Associated with aggressive forms of disease

+++ Very high and more than 10 times above the pathogenic load threshold

Very strong association with aggressive forms of disease and loss of bone attachment

Negative Absence of *Candida albicans*

Positive Presence of *Candida albicans*

****** % / Total Bacterial Count** : Relative proportion of a specific bacteria versus total bacterial count

N/A : Not Available

Methodology

Sample is collected with paper points.

Genomic DNA is extracted from the submitted sample and tested for micro-organisms associated with periodontal disease or peri-implantitis.

The DNA is tested by Polymerase Chain Reaction (PCR) amplification followed by fluorescence detection and quantitation.