HAIN DIAGNOSTICS

Result report micro-IDent®*plus*
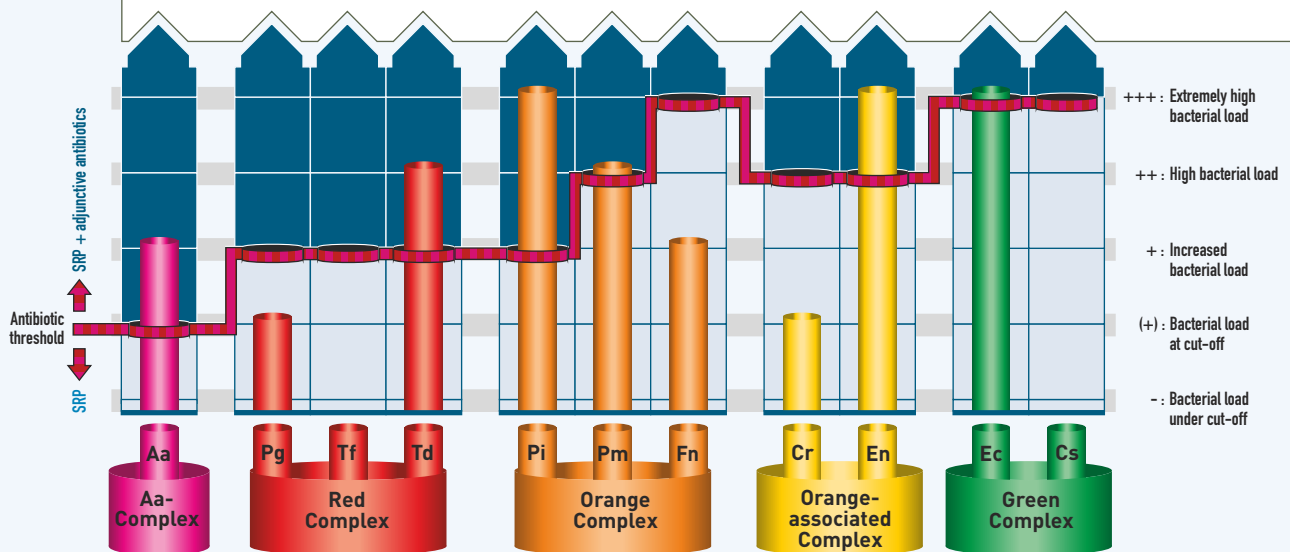### DNA test for periodontopathogenic marker bacteria

Hain Diagnostics, LLC | 370 S. Lowe Ave Suite A #166 I Cookeville, TN 38501

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Chicago, IL 60610

Name of patient	**Michael Anyone**
Date of birth	09/04/1943
Sample | Sampling Date	Multi-site sample | 06/21/2011
Analysis	Initial analysis
Number of analysis	ANA0045321
Date of analysis	07/05/2011
Tooth / Teeth	12m | 14d | 15m | 45b | 46l
Maximum pocket depth	6 mm

Result

Microbiological analysis for patient Michael Anyone resulted in a bacterial concentration requiring treatment due to the following complexes: Aa-Complex (Aa), Red Complex (Td), Orange Complex (Pi, Pm), Orange-associated Complex (En), Green Complex (Ec). Depending on the clinical findings this requires, in addition to mechanical treatment (SRP), an adjunctive antibiotic administration (scenario 8, amoxicillin (3 x 500 mg/day) & clindamycin (4 x 300 mg/day), 8 days). For evaluating therapy success a control analysis is recommended approx. 8 weeks after cessation of antibiotic intake.

+++ : Extremely high bacterial load
++ : High bacterial load
+ : Increased bacterial load
(+) : Bacterial load at cut-off
– : Bacterial load under cut-off

SRP + adjunctive antibiotics
Antibiotic threshold
SRP

Aa — Aa-Complex
Pg, Tf, Td — Red Complex
Pi, Pm, Fn — Orange Complex
Cr, En — Orange-associated Complex
Ec, Cs — Green Complex

Explanation of pathogen concentrations

–	=	$<10^4$	(Exception Aa: $<10^3$)
(+)	=	10^4	(Exception Aa: 10^3)
+	=	$<10^5$	(Exception Aa: $<10^4$)
++	=	$<10^6$	(Exception Aa: $<10^5$)
+++	=	$\geq 10^6$	(Exception Aa: $\geq 10^5$)

Abbreviations of bacteria names

Aa	=	*Aggregatibacter actinomycetemcomitans*
Pg	=	*Porphyromonas gingivalis*
Tf	=	*Tannerella forsythia*
Td	=	*Treponema denticola*
Pi	=	*Prevotella intermedia*
Pm	=	*Peptostreptococcus micros*
Fn	=	*Fusobacterium nucleatum/periodonticum*
Cr	=	*Campylobacter rectus*
En	=	*Eubacterium nodatum*
Ec	=	*Eikenella corrodens*
Cs	=	*Capnocytophaga spec. (gingivalis, ochracea, sputigena)*

Smoking

Patient is smoker. This risk factor should be considered in the individual therapy plan.

Antibiotic allergies

As stated on the order form, no antibiotic hypersensitivities are known. Please note that the clarification of hypersensitivities is mandatory prior to any antibiotic intake.

Additional comments

No statement on the order form.

Sample analyzed in cooperation with the Hain Lifescience laboratory. Results approved by laboratory director Dr. Jan Bartel.

Important: The selection of therapy must take into account: 1) Periodontal status, 2) Patient's medical status and 3) Possible adverse patient reactions to antibiotics. The treating dentist is responsible for deciding on the use and choice of antibiotic therapy, and Hain Diagnostics will not be liable for any direct, indirect, consequential, special, exemplary, or other damages arising from treating Dentist's negligence. High risk patients should be consulted with a periodontist.