

University of Michigan – School of Dentistry
Survey concerning Periodontists' peri-implantitis related professional experiences and practices

Thank you very much for participating in this study. Let us assure you that your responses are completely anonymous. All results will be reported on an aggregate level.

Let us start with some questions about your background:

1. Are you male or female? Male Female
2. How old are you? I am _____ years old.
3. Where did you complete
 - dental school and in which year? _____ Year: _____
 - your graduate training and in which year? _____ Year: _____
4. How many years did you spend in your periodontics residency program?

5. Estimate the percentage of time during your residency spent on implant surgeries: _____%
6. How well were you educated about

	Not at all			Very well	
a. how to diagnose peri-implantitis?	1	2	3	4	5
b. the risk factors of peri-implantitis?	1	2	3	4	5
c. treating peri-implantitis?	1	2	3	4	5
7. Did you treat patients with peri-implantitis during your residency education?
 YES NO
 If yes: Which type of treatment did you provide?
8. In which state do you practice? I practice in _____.
9. Which percentage of your current practice situation is spent

a. in a private practice setting? %	
b. in a hospital setting? %	
c. as a faculty member? %	
d. in another setting? %	% If other: please explain:
10. On average, how many hours per week do you practice? _____ hours/week

The next questions are about your clinical work and especially your patients with peri-implantitis:

11. On average, how many

a. implant surgeries do you perform <u>per month</u> ? _____	implant surgeries per month
b. peri-implantitis cases do you encounter in a <u>month</u> ? _____	peri-implantitis cases per month
c. patients <u>per week</u> do you treat? _____	patients per week
12. How much do the following factors put a patient at risk for developing peri-implantitis?

	Not at all			Very much	
a. Poor oral hygiene	1	2	3	4	5
b. History of periodontitis	1	2	3	4	5
c. Smoking	1	2	3	4	5
d. Diabetes mellitus	1	2	3	4	5

e.	Genetic predisposition	1	2	3	4	5
f.	Implant surface	1	2	3	4	5
g.	Occlusion	1	2	3	4	5
h.	Presence of keratinized tissue	1	2	3	4	5
i.	Other	1	2	3	4	5

If other, please explain:

13. At present, there are no universally standardized diagnostic criteria specific for peri-implantitis. How important are the following criteria to you when you make a diagnosis of peri-implantitis?

		Not at all			Very much	
a.	Clinical probing	1	2	3	4	5
b.	Radiographic bone loss	1	2	3	4	5
c.	Presence of bleeding	1	2	3	4	5
d.	Presence of suppuration	1	2	3	4	5
e.	Implant exposure and gum recession	1	2	3	4	5
f.	Other	1	2	3	4	5

If other, please explain:

14. How much do the following treatment strategies contribute to successfully treating peri-implantitis?

		Not at all			Very much	
a.	Educating the patient about oral hygiene	1	2	3	4	5
b.	Plaque control	1	2	3	4	5
c.	Mechanical debridement	1	2	3	4	5
d.	Antiseptic cleansing	1	2	3	4	5
e.	Local/systemic antibiotic therapy	1	2	3	4	5
f.	Regeneration	1	2	3	4	5
g.	Autogenous bone graft	1	2	3	4	5
h.	Allograft	1	2	3	4	5
i.	Xenograft	1	2	3	4	5
j.	Alloplast	1	2	3	4	5
k.	GTR with a membrane	1	2	3	4	5
l.	Resective surgery	1	2	3	4	5
m.	Implantoplasty	1	2	3	4	5
n.	CIST protocol	1	2	3	4	5
o.	Laser systems	1	2	3	4	5
p.	Photodynamic therapy	1	2	3	4	5
q.	Other	1	2	3	4	5

If other, please explain

15. How often do you use the following treatment strategies when you treat a patient with peri-implantitis?

		Not at all			Very much	
a.	Educating the patient about oral hygiene	1	2	3	4	5
b.	Plaque control	1	2	3	4	5
c.	Mechanical debridement	1	2	3	4	5
d.	Antiseptic cleansing	1	2	3	4	5
e.	Local/systemic antibiotic therapy	1	2	3	4	5
f.	Regeneration	1	2	3	4	5
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n. CIST protocol	1	2	3	4	5
o. Laser systems	1	2	3	4	5
p. Photodynamic therapy	1	2	3	4	5
q. Other	1	2	3	4	5

If other, please explain

16. On a scale from 1 = disagree strongly to 5 = agree strongly, how much do you disagree/agree with the following statements?

a. I consider peri-implantitis a serious problem currently.	1	2	3	4	5
b. Peri-implantitis will become a more serious issue in the future.	1	2	3	4	5
c. There is great need for a standardized protocol for the treatment of peri-implantitis.	1	2	3	4	5
d. General dental practitioners need to be better educated about					
- how to diagnose peri-implantitis.	1	2	3	4	5
- when to refer a patient for the treatment of peri-implantitis.	1	2	3	4	5
- how to offer maintenance care for implants.	1	2	3	4	5
e. I would like to attend continuing education courses about the treatment of peri-implantitis.	1	2	3	4	5

Please share with us any other thoughts/considerations you have about peri-implantitis:

Thank you very much for participating in this study. If you have any questions about this survey or are interested in the results of this study, please contact Dr. Angeliki Polymeri at polyan@umich.edu.