Immediate Implant Placement In Fresh Extraction Sockets With Topical Statins And Nano Crystalline Bone Graft

(Clinical and Biochemical study)

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By

Sherif Abdelrahman Lofty Amer

Teaching Assistant of Oral Medicine, Periodontology

and Oral Diagnosis Department

Faculty of Oral and Dental Medicine

Future University

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Supervisors

Prof.Dr. Khaled Atef Abdelghaffar

Minister of higher education and scientific research

Professor Of Oral Medicine,Periodontology

and Oral Diagnosis,Faculty of Dentistry

Ain Shams University

Prof.Dr.Nivine Ibrahim Ragy

Professor of Oral Medicine,Periodontology

and Oral Diagnosis

Vice dean of Faculty of Oral and Dental Medicine

Future University In Egypt

Prof.Dr.Olfat Gamel Shaker

Professor of Medical Biochemistry and Molecular Biology

Faculty of Medicine

Cairo University

Abbreviations

AgP Aggressive periodontitis

BD Bone density

BIC Bone to implant contact

BMC Bone mineral content

BMD Bone mineral density

BMP Bone morphogenic proteins

BV Bone volume

CAL Clinical attachement level

CBCT Cone beam computed tomography

CRP C-reactive protein

CS Calcium sulfate

CT Computed tomography

3D Three dimensional

DFDBA Demineralized freeze dried bone allograft

ELISA Enzyme-linked immunosorbent assay

FOV Field of view

GBR Guided bone regeneration

GCF Gingival crevicular fluid

GI Gingval index

HA Hydroxyapetite

HMG Hydroxy methyl glutaryl

HMGB High mobility group box

huCRP Human C-reactive protein

IAN Inferior alveolar nerve

ICAM Intracellular adhesion molecule

IL Interleukin

LDL Low density lipoprotein

mA Milliampere

MMP Matrix metalloproteinase

MPO Myeloperoxidase

NADPH Nicotinamide adenine dinucleotide phosphate

NBT New bone thickness

Ncm Newton centimeter

nCS nano calcium sulfate

PBI Papillary bleeding index

PD Probing depth

PGA propylene glycol alginate

PISF Peri implant sulcular fluid

PLGA poly(lactic-co-glycolic acid

PTFE Polytetrafluoroethylene

RA Rheumatoid arthritis

RANKL Receptor activator of nuclear factor kappa-B ligand

ROI Region of interest

SMV Simvastatin

SRB Scaling and root planing

TCP Tri-calcium phosphate

Th-2 T-helper

TMJ Tempromandibular joint

TNF Tumor necrosis factor

VEGF Vascular endothelail growth factor

WKM Width of keratinized mucosa

List of Figures

No	*Heading*	*Page No*
1	Molecular structure of simvastatin	*44*
2	Cholestrol biosynthesis stages and statin action .	*46*
3	Surgical armamentarium	*73*
4	NeoBiotic implant kit	*73*
5	Human IL-13 ELISA kit components	*77*
6	Periopaper	*78*
7	Peri-implant sulcular fluid collection	*79*
8	Buffer concentrations	*82*
9	Cross sectional view of implant with four levels of bone thickness measurements.	*85*
10	Gingival cuff after three months	*88*
11	Cementation of the restoration	*88*
12	Occlusal view of the tooth to be extracted (upper left 1st premolar) .	*90*
13	Facial view of the tooth to be extracted	*90*

14	The use of periotome for severing the gingival and periodontal fibers .	***91***
15	Caliberated probe is used for measuring the root length .	***91***
16	The hard and soft tissue condition before osteotomy preparation .	***92***
17	Sounding of bone with a periodontal probe and detection of the buccal bone level .	***92***
18	Occlusal view of the implant in place .	***93***
19	Periodontal probe for measuring the gap distance .	***93***
20	Addition of nano-crystalline calcium sulfate bone graft .	***94***
21	Healing abutment connected to the implant and suturing .	***94***
22	Cross-sectional CBCT view for measuring the buccal bone thickness at baseline.	***95***
23	Cross-sectional CBCT view for measuring the buccal bone thickness after 6 months.	***95***
24	Occlusal view of tooth to be extracted (upper left 1st premolar)**.**	***96***

25	Facial view of the tooth to be extracted	***96***
26	The use of periotome for severing the gingival and periodontal fibers.	***97***
27	Caliberated probe is used for measuring the root length **.**	***97***
28	The hard and soft tissue condition before osteotomy preparation.	***98***
29	Sounding of bone with a periodontal probe and detection of the buccal bone level.	***98***
30	Measuring of the mesio-distal width with a periodontal probe.	***99***
31	Occlusal view of the implant in place . A residual gap distance was measured with a periodontal probe.	***99***
32	Addition of simvastatin gel to fill the gap distance.	***100***
33	Healing abutment connected to the implant and suturing.	***100***
34	Cross-sectional CBCT view for measuring the buccal bone thickness at baseline.	***101***
35	Cross-sectional CBCT view for measuring the buccal bone thickness after 6 months.	***101***
36	Occlusal view of the tooth to be extracted	***102***

(upper right 1st premolar)**.**

37 Facial view of the tooth to be extracted ***102***

38 The use of periotome for severing the gingival and periodontal fibers . ***103***

39 The hard and soft tissue condition before osteotomy preparation . ***103***

40 Caliberated probe is used for measuring the root length**.** ***104***

41 Sounding of bone with periodontal probe and detection of the buccal bone level. ***104***

42 Measuring of the mesio-distal width with a periodontal probe. ***105***

43 Occlusal view of the implant in place . A gap distance was measured with a probe. ***105***

44 Healing abutment connected to the implant**.** ***106***

45 Simvastatin gel and nano-crystalline calcium sulfate to fill the gap distance. ***106***

46 Suturing with interrupted sutures ***107***

47 Cross-sectional CBCT view for measuring the buccal bone thickness at baseline. ***107***

48 Cross-sectional CBCT view for measuring the buccal bone thickness after 6 months. ***108***

49	Occlusal view of the tooth to be extracted (upper left 1st premolar)**.**	***109***
50	The hard and soft tissue condition before osteotomy preparation .	***109***
51	Caliberated probe is used for measuring the root length**.**	***110***
52	Paralleling pin into osteotomy site**.**	***110***
53	Occlusal view of the implant in place.	***111***
54	Healing abutment connected to the implant.	***111***
55	Cross-sectional CBCT view for measuring the buccal bone thickness at baseline.	***112***
56	Cross-sectional CBCT view for measuring the buccal bone thickness after 6 months.	***112***
57	Bar chart showing standard deviation of patients age among the groups .	***118***
58	Bar chart showing the mean values of (PBI) for all groups over the study follow up period .	***122***
59	Bar chart showing the mean values of (GI) for all groups over the study follow up period .	***125***

60	Bar chart showing the mean and standard deviation values of (PD) for all groups over the study follow up period .	***129***
61	Bar chart showing the mean values of (IL-13) for all groups over the study follow up periods .	***135***
62	Bar chart showing the mean values of bone thickness for all groups at baseline .	***139***
63	Bar shart showing the mean values of bone thickness for all groups after 6 months .	***146***

List Of Tables

No	***Heading***	***Page***

		No
1	IL-13 kit components	80
2	Showing the demographic data for group (A)	114
3	Showing the demographic data for group (B)	115
4	Showing the demographic data for group (C)	116
5	Showing the demographic data for group (D)	117
6	Showing the mean and standard deviation (SD) values of patient ages for all groups .	118
7	The mean and standard deviation values of (PBI) for all groups at baseline .	119
8	The mean and standard deviation values of (PBI) for all groups after 3 months .	120
9	The mean and standard deviation values (PBI) for all groups over the study follow up period .	121
10	The mean and standard deviation (SD) values of (GI) for all groups at baseline .	123
11	The mean and standard deviation values of (GI) for all groups over the study follow up period .	124

12	Multiple comparisons of gingival index (GI) between groups after 3 months .	***125***
13	The mean and standard deviation values of probing depth (PD) for all groups at baseline .	***126***
14	The mean and standard deviation values of probing depth (PD) for all groups over the study follow up period .	***127***
15	Multiple comparisons of probing depth (PD) between groups after 3 months .	***128***
16	The mean and standard deviation values of IL-13 for all groups at baseline	***130***
17	The mean and standard deviation values of (IL-13) for all groups after 2 weeks .	***131***
18	Multiple comparisons of (IL-13) between groups after 2 weeks .	***131***
19	Comparison between mean and standard deviation (SD) values of (IL-13) at baseline and after 2 weeks .	***132***
20	The mean and standard deviation values of (IL-13) for all groups after 3 months .	***133***
21	Multiple comparison of (IL-13) for all groups after 3 months .	***134***
22	Comparison between mean and standard deviation (SD) values of (IL-13) at 2	***134***

weeks and 3 months .

23 The mean and standard deviation values of bone thickness at T(0) for all groups at baseline . ***136***

24 The mean and standard deviation values of bone thickness at T(1) for all groups at baseline . ***137***

25 The mean and standard deviation values of bone thickness at T(2) for all groups at baseline . ***138***

26 The mean and standard deviation values of bone thickness at T(3) for all groups at baseline . ***139***

27 The mean and standard deviation values of bone thickness at T(0) for all groups after 6 months . ***140***

28 Multiple comparisons of bone thickness at T(0)for all groups after 6 months . ***141***

29 The mean and standard deviation values of bone thickness at T(1) for all groups after 6 months . ***142***

30 Multiple comparisons of bone thickness at T(1) for all groups after 6 months . ***143***

31 The mean and standard deviation values of bone thickness at T(2) for all groups after 6 months . ***144***

32 Multiple comparisons of bone thickness at T(2)for all groups after 6 months . ***145***

33 The mean and standard deviation values of bone thickness at T(3) for all groups after 6 months . ***146***