Evaluation of the Outcome of Regenerative Periodontal Therapy Utilizing the Use of Cone Beam Volume Tomography

Thesis

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Dedications

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To the stunning sun in my way

To the sound in my pray

To the smile in my joy

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Contents

List of Abbreviations

ABG	Autogenous bone graft
GBR	Guided bone regeneration
BMPs	Bone morphogenetic proteins
BSE	Bovine spongioform encephalopathy
CAL	Clinical attachment level
CBVT	Cone beam volume tomograpty
CEJ	Cemento-enamel junction
CT	Computed tomography
DFDBA	Decalcified freeze-dried bone allogenic grafts
EDTA	Ethylen diamine tetra acetic acid
EGFR	Epidermal growth factor receptor
EMD	Enamel matrix derivative
ENAP	Excisional new attachment procedure
ePTFE	Expanded polytetraflourethelene
FDBA	Freeze-dried bone allogenic grafts
FOV	Field of view
GI	Gingival Index

GTR	Guided tissue regeneration
HA	Hydroxy apatite
HEMA	Hydroxyethylmethacrylate
IR	Intraoral radiographs
JE	Junctional epithelium
kV	Kilo-voltage
mA	Mili-amperage
MDCT	Muili detector computed tomography
MIP	Maximum intensity projection
MPR	Multiplanar reformatting
MRI	Magnetic resonance imaging
MWF	Modified Widman flap
Nano-HA	Nano hydroxy apatite
nm	Nanometer
NNI	National Nanotechnology Intitative
PC	Personal computer
PDL	Periodontal ligament
PI	Plaque Index
PMMA	Polymethylmethacrylate

PPD	Probing pocket depth
ROI	Region of interest
SD	Standard deviation
TMJ	Tempromandibular joint
2D	2-dimentional
3D	3-dimentional

List of figures