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LIST OF ABBREVIATIONS

APCs	Apical papilla cells
BSA	bovine serum albumin
CH	Calcium hydroxide
CHX	Chlorhexidine digluconate
DAP	double antibiotic paste
DAPI	4',6-diamidino-2-phenylindole
DMP	dentin matrix protein
DPSCs	Dental pulp stem cells
DSPP	dentin sialo phosphoprotein
EA	EndoActivator
EDTA	Ethylenediaminetetraacetic acid
FGF	Fibroblast growth factor
IGF	Insulin-like growth factor
IgG	immunoglobulin G
MEM	Modification of Eagle's medium
MTAD	mixture of doxycycline, citric acid and a detergent
NaOCl	Sodium hypochlorite
NI	Needle irrigation
NSS	Normal saline solution
PBS	phosphate buffered saline
PDGF	Platelet-derived growth factor
PUI	Passive ultrasonic irrigation
REPs	Regenerative endodontic procedures
SCAPs	Stem cells from apical papilla
TAP	triple antibiotic paste
TGF- β	Transforming growth factor beta
VEGF	Vascular endothelial growth factor