

Additional files

Additional file 2. Hepatitis B Virus copy numbers in fresh and processed dentin from infected patients

Patient No.		3	14	12	13	2	18	5	17	6	1	4	7	8	9	10	11	15	16
Copy number	Fresh dentin	85.4	34.4	31.9	20.6	16.8	9.7	8.2	4.8	4.5	3.7	0	0	0	0	0	0	0	0
	Processed dentin	1.79	4.03	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Copy number is 3.2Kb HBV genomic DNA. Copy number is in descending levels of fresh dentin.

Copy number of 1.79 and 4.03 in two processed dentin (patients 3 and 14) were from first (a) and second (b) high copy numbers (85.42 and 34.4 each) in fresh dentin that considered extensively degraded. Eight fresh dentin with copy number below 31.9 were all changed to copy number 0 in processed dentin that considered completely degraded (inactivation or elimination of HBV). The correlation of positive HBV DNA between 10 fresh dentin and 2 processed dentin is statistically significant ($p=0.0167$) at $P < 0.05$. The copy number below 10 is generally considered as there is no virus even though the cut off levels were not determined in this experiment.