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Title: Comparison of Clinical and Radiographic Success Between:
Mineral Trioxide Aggregate (MTA) & Ferric Sulfate (FS) Pulpotomies for Primary Molars.

NCT 02783911

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Comparison of Mineral Trioxide Aggregate and Ferric Sulfate:
Pulpal Medicaments for Pulpotomized Primary Teeth

Statistical analysis plan

The following clinical information were collected from the charts: Mobility, pain, abscess/draining fistula, and facial swelling. Exfoliation of the pulp treated teeth was recorded and graded as normal, early, or delayed based on the age of the patient at the time of the recall and on the exfoliation status of the contralateral tooth. If there is any clinical signs of the above the tooth will be count as clinical failure.

Data was analyzed using the Statistical Package for Social Sciences v 16.0 (SPSS Inc., Chicago, Ill). The difference between the materials was analyzed using chi-square, Significance level was set $P < .05$.

Chi-Square Tests

	Value	df	Asymptotic Significance (2- sided)	Exact Sig. (2- sided)	Exact Sig. (1- sided)
Pearson Chi-Square	.059 ^a	1	.808		
Continuity Correction ^b	.000	1	1.000		
Likelihood Ratio	.060	1	.807		
Fisher's Exact Test				1.000	.603
Linear-by-Linear Association	.057	1	.812		
N of Valid Cases	24				

a. 2 cells (50.0%) have expected count less than 5. The minimum expected count is 2.25.

b. Computed only for a 2x2 table

Summary: The result showed there is no statistical difference in long term clinical success between the two pulpotomy medicaments. (MTA vs FS)