

Final status of 2,601 cracked teeth with any follow-up during the Cracked Tooth Registry study of the National Dental Practice-Based Research Network, by whether the tooth was surgically¹ treated at any time during the study and whether pain was present at enrollment (Y0).

Treatment and pain status	N	%²
<u>Treated at some time</u>		
Y0 Pain present		
Pain stayed	117	4%
Pain resolved	424	16%
Pain resolved then returned	27	1%
Y0 No pain		
Stayed free of pain	290	11%
Pain developed	50	2%
Pain developed then resolved	52	2%
<u>Never treated</u>		
Y0 Pain present		
Pain stayed	190	7%
Pain resolved	347	13%
Pain resolved then returned	49	2%
Y0 No pain		
Stayed free of pain	829	32%
Pain developed	123	5%
Pain developed then resolved	103	4%

¹Treated: Crown (full, partial or onlay) or endodontic (root canal therapy) or both.

²Percent of 2,601 who had attended at least 1 of 3 annual recall exams.

Timing and type of surgical procedures performed on the 960 treated cracked teeth among 2601 patients with any follow-up (attended at least 1 of 3 annual recall examinations) during the Cracked Tooth Registry study of the National Dental Practice-Based Research Network

First Procedure performed	N	Percent
Extract ¹	3	0.3%
Endo ² -only	12	1.3%
Restore ³ -only	925	96.4%
Endo & restore ⁴	20	2.1%

Study time procedure performed	N	Percent
At baseline (Y0)	426	44.4%
After Y0 before Y1	279	29.1%
At Y1	36	3.8%
After Y1 before Y2	92	9.6%
At Y2	34	3.5%
After Y2 before Y3	72	7.5%
At Y3	21	2.2%

Timing	Procedure	Frequency	Percent
At baseline (Y0)	Endo-only	6	0.6%
At baseline (Y0)	Restore-only	416	43.3%
At baseline (Y0)	Endo & restore	4	0.4%
After Y0 before Y1	Endo-only	3	0.3%
After Y0 before Y1	Restore-only	268	27.9%
After Y0 before Y1	Endo & restore	8	0.8%
At Y1	Extract	1	0.1%
At Y1	Endo-only	1	0.1%
At Y1	Restore-only	34	3.5%
After Y1 before Y2	Extract	1	0.1%
After Y1 before Y2	Restore-only	87	9.1%
After Y1 before Y2	Endo & restore	4	0.4%
At Y2	Extract	1	0.1%
At Y2	Endo-only	2	0.2%
At Y2	Restore-only	31	3.2%
After Y2 before Y3	Restore-only	68	7.1%
After Y2 before Y3	Endo & restore	4	0.4%
At Y3	Restore-only	21	2.2%

¹Extracted teeth: Only 37 teeth were recommended to be extracted, 16 did not attend any annual recall visit and are not included in the above table. Of the 21 with follow-up, the 3 indicated above had no procedure performed prior to recommending extraction. The remaining 18 had a procedure performed prior to extraction recommendation. Details are in Ferracane et al 2021.

²Endo: Endodontic treatment/root canal therapy.

³Restore: Crowns, full, partial, or onlays.

⁴Endo & restore: the 2 procedures were recommended at the same visit; the endo was always performed first.