
أسباب قلع الأسنان في مدينة دمشق

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Reason for Tooth Extractions in Damascus

Ousama Ibrahim *

Siham Saesse **

Abstract

This study has dealt with the primary cause for tooth extraction on 2760 permanent teeth, extracting third molars, in patients with an age ranging from 10 to 90 years excluding and an average age of 40.2 years. The first cause in caries (67.7%) periodontal reasons come second (25.9%), and all the other causes account for 6.4%. A special pattern of relationship between caries and periodontal diseases as factors causing tooth extraction has become evident, with the latter being the main reason for tooth extraction in middle age (45-54 years) at a rate of 49.8% versus 46% for caries-related extractions. Caries, however, is the chief cause for tooth extraction at ages under 45 and over 54 years (81.9% , 53.1%); this is also true of the age group 10-19 years (75%), while extractions for orthodontic reasons account for 21.7%. No significant differences have been observed between males and females, or between the right and left side of the jaws. Yet, extractions of all tooth types in the upper jaw have been more frequent than those in the lower jaw, with the exception of first molars. Regardless of the reason, the rates of extraction by tooth type are: 27.5% anterior teeth, 31.1% premolars, and 41.3% molars. The teeth most commonly extracted due to caries are the lower and upper first molars; those extracted due to periodontitis are lower the central incisors, the lower lateral incisors, and the upper central incisors. Anterior teeth are more frequently extracted for periodontal reasons, and their extraction increases in older age ; whereas caries accounts for most extractions of posterior teeth , and their extraction decrease in older age.

* Dep. of Stomatology – Fac. Of Dentistry – Damascus University.

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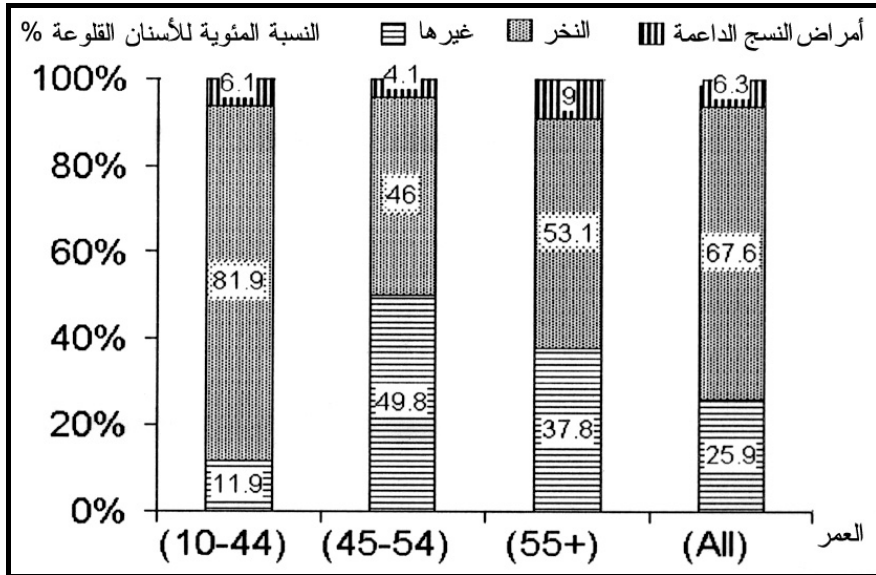
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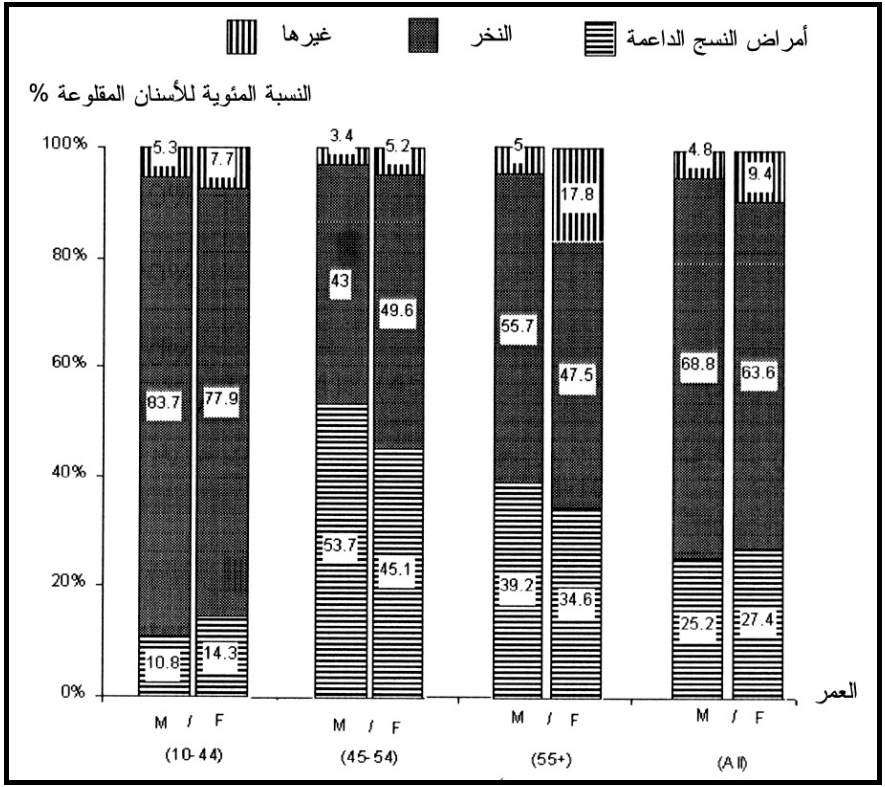
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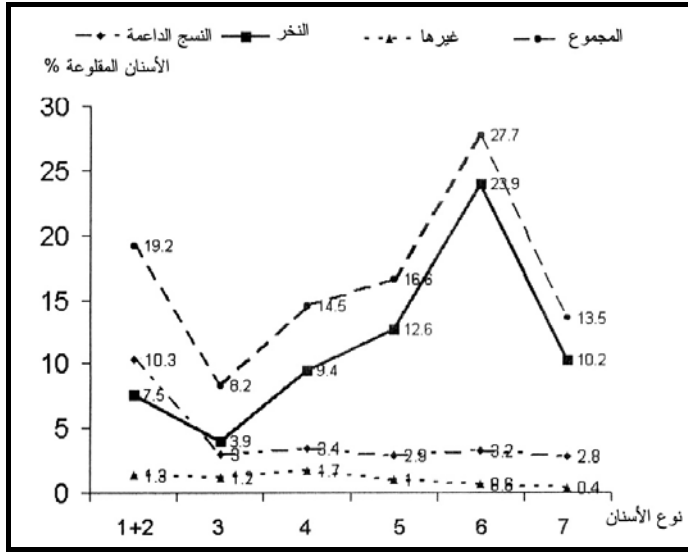
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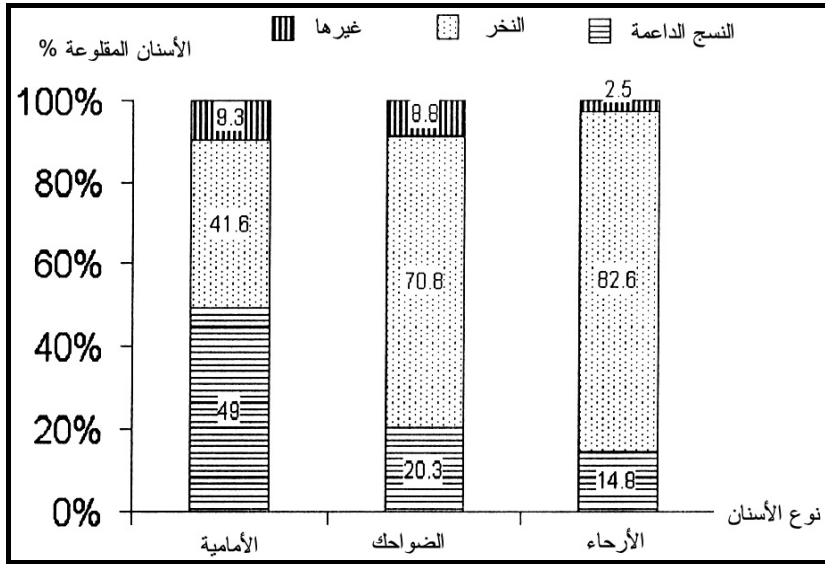
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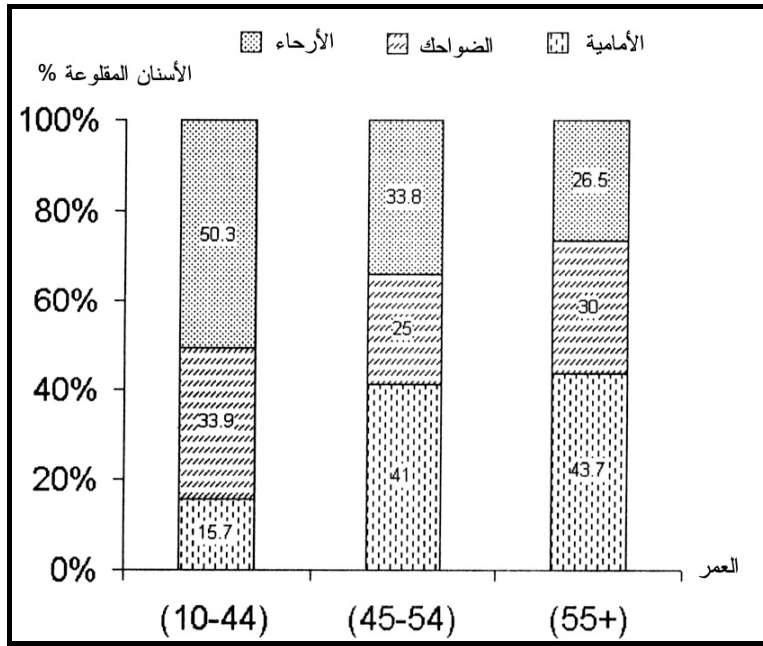
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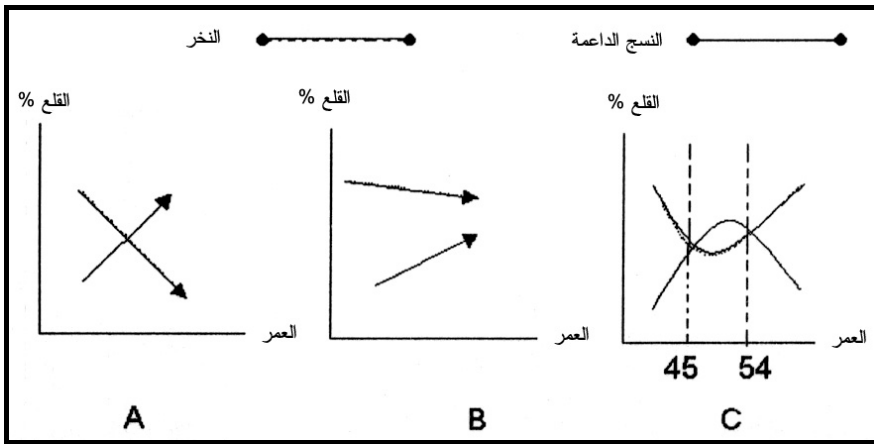
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Author	Country	Year	Total Number Of Extr.	Tooth Extr Due to		Tooth type			The main cause with the age
				Perio	caries	Anterions	permolars	molars	
				%	%	%	%	%	
Ainamo et al.	Finland	1984	3883	18.0	60.0	-	-	-	Caries always
Cahen et al.	France	1985	14621	32.4	49.0	29.9	25.8	29.6	Perio. over 50yr
Bouma et al.	Netherlands	1987	2865	13.3	57.2	-	-	-	Caries always
Agerholm & Sidi	England & Wales	1988	5274	26.6	47.5	32.1	36.8	31.0	Perio. over 60yr
Chauncey et al.	U. S. A	1989	1142	18.7	33.3	29.5	25.8	30.0	Caries always
Nissen & Weyant	U. S. A	1989	168	33.0	63.0	51.0	29.0	21.0	Caries always
Abdul Razak et al.	Malaysia	1989	2765	19.6	67.4	-	-	-	Perio. over 50yr
Szabo & Szabo	Hungary	1990	7978	25.1	64.0	-	-	-	-
Stephens et al.	Canada	1991	-	34.0	63.0	-	-	-	Caries always
Reich & Hiller	Germany	1993	1215	27.3	20.7	-	-	-	Perio. over 40yr
Vignarajah	Antigua	1993	471	29.9	61.6	-	-	-	Perio. Over 40yr
Present study	Syria	1999	2760	25.9	67.7	27.5	31.1	41.3	Perio 45-54

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