

S1. Characteristics of included studies

Study (authors, year)	Study design	Patient no. / socket no.)	Gender M/F	Mean age and/or range (years)	Socket location	F/U (max.)	Intervention type (number of extraction sites)
Ahmed et al. 2019	RCT, parallel	54/54	32/22	18-45	NR	4 m	CG (18), PRF (18), PRF + Collaplug (18)
Alzahrani et al. 2017	RCT, parallel	24/24	9/15	37.8, 25-50	NR	2 m	CG (12), PRF (12)
Areewong et al. 2019	RCT, parallel	33/36	15/21 (sockets)	50.67, 22-73	SR PM, max. anterior tooth	2 m	CG (18), PRF (18)
Badakhshan et al. 2020	RCT, split-mouth	19/44	9/10	NR	SR tooth	3 m	CG (22), PRF (22)
Canellas et al. 2019	RCT, parallel	45/45	21/27 (3 drop-outs)	44.8, 18-69	non-M	3 m	CG (22), PRF (23)
Castro et al. 2021	RCT, split-mouth	20/60	6/15 (1 drop-out)	NR	SR tooth in premaxilla	3 m	CG (20), PRF (20), A-PRF+ (20)
Clark 2016	RCT, parallel	33/33	17/16	58	SR tooth	3 m	CG (9), PRF (8), PRF + FDBA (8), FDBA (8)
De Almeida Barros Mourão et al. 2020	RCT, parallel	32/32	13/19	37, 19-57	posterior tooth except 3M	2 wk	CG (16), PRF (16)
Du Toit et al. 2016	RCT, split-mouth	4/8	3/1	39.5, 31-46	SR tooth in maxilla	3 m	CG (4), PRF (4)
Ercan 2018	CCT, parallel	32/42	NR	43.74	SR tooth	2 wk	CG (14), PRF (15), T-PRF (13)
Fontes Martins et al. 2021	RCT, parallel	15/15	7/8	47.13, 31-66	max. anterior tooth	6 m	CG (5), PRF (5), PRF + BM
Godwin Saji 2016	CCT, split-mouth	30/60	12/18	29.37	NR	6 m	CG (30), PRF (30)
Hauser et al. 2013	RCT, parallel	23/23	9/14	47.43	PM	2 m	CG (8), PRF (9), PRF + mucosal flap (6)
Ivanova et al. 2021	RCT, parallel	90/90	45/45	41.6, 19-66	I, C, PM, 1M, 2M	4 m	CG (30), PRF (30), PRF + bone albumin (30)
Kumar et al. 2018	RCT, parallel	48/90	28/62 (sockets)	44.4, 15-60	anterior tooth, PM, M	6 m	CG (30), PRF (30), PRF + POP (30)
Marenzi et al. 2015	RCT, split-mouth	26/108	9/17	53	C, PM, M	3 wk	CG (54), PRF (54)
Mezal et al. 2019	CCT, parallel	36/36	18/18	20-52	NR	4 m	CG (19), PRF (17)
Saha 2019	RCT, parallel	48/48	22/26	26.6	PM	6 m	CG (12), PRF (12), PRF + xenograft (12), xenograft (12)
Sharma et al. 2020	RCT, split-mouth	30/60	14/16	23.9, 18-45	man. M except 3M	4 m	CG (30), PRF (30)
Srinivas et al. 2018	CCT, split-mouth	30/61	NR	NR	NR	3 m	CG (30), PRF (30)
Suttapreyasri and Leepong 2013	RCT, split-mouth	8/20	3/5	22.62, 20.3-27.6	PM	2 m	CG (10), PRF (10)
Taha 2019	RCT, parallel	27/42	8/19	37.5, 23-49	I, C, PM	6 m	CG (14), PRF (14), xenograft (14)
Temmerman et al. 2016	RCT, split-mouth	22/44	15/7	54	I, C, PM	3 m	CG (22), PRF (22)
Travezan-Moreyra et al. 2021	RCT, crossover	51/102	16/35	NR	NR	2 wk	CG (51), PRF (51)
Ustaoglu et al. 2019	RCT, parallel	57/57	28/29	35.4	SR tooth	3 m	CG (19), PRF (19), T-PRF (19)
Zhang et al. 2018	CCT, parallel	28/28	14/14	33.9	M	3 m	CG (28), PRF (28)

Abbreviations: BM: bone marrow aspirate concentrate, C: canine, FDBA: freeze-dried bone allograft, F/U: follow-up period, I: incisor, M: molar, NR: not reported, M/F: male/female, PM: premolar, POP: plaster of Paris, SR: single-rooted

S2. PRF-protocols of the included studies

Study (authors, year)	Centrifuge system	RPM, Time, RCF	Blood in ml	Tube type	Number, type per socket
Ahmed et al. 2019	NR	3000 rpm, 10 min, NR	1 x 10 ml	NR	1 x clot
Alzahrani et al. 2017	HERMLE, labortechnik	3000 rpm, 10 min, 400 g**	20 ml	NR	NR, membrane
Areewong et al. 2019	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	10 ml	glass tube	NR, plug
Badakhshan et al. 2020	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	1-4 x 8.5 ml	glass-coated plastic tube	NR, clot
Canellas et al. 2019	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	6 x 9 ml	glass-coated plastic tube	4 x plugs + 2 x membranes
Castro et al. 2021	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	4 x 9 ml	glass-coated plastic tube	2-3 x membranes + 1-2 membranes
Clark 2016	NR	3000 rpm, 10 min, NR	1 x 10 ml	glass vacuum tube	1 clot
De Almeida Barros Mourão et al. 2020	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g	4 x 10 ml	glass-coated plastic tube	2 membranes
Du Toit et al. 2016	EBA 20 Hettich	3000 rpm, 10 min, 857 g*	2 x 10 ml	Choukroun original PRF tubes (Process)	1 x clot
Ercan 2018	NF 200 Nuve	2700 rpm, 12 min, 825 g*	NR	glass tube	2 x membranes
Fontes Martins et al. 2021	Centribio Model 80-2D-15mL	NR, 12 min, 400 g**	8-10 ml	vacutainer tube	1 x plug
Godwin Saji 2016	Medico Centrifuge	3000 rpm, 10 min, NR	4 ml	5-ml glass tube	1 x clot
Hauser et al. 2013	NR	2700 rpm, 12 min, NR	4 x 8 ml	NR	NR, membrane
Ivanova et al. 2021	NR	NR	NR	NR	NR
Kumar et al. 2018	NR	3000 rpm, 10 min, NR	10 ml	NR	NR, clot
Marenzi et al. 2015	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	2-6 x 9 ml	NR	NR, NR
Mezal et al. 2019	NR	3000 rpm, 10 min, NR	5 ml	NR	NR, clot
Saha 2019	REMI CM-8 Plus	3000 rpm, 10 min, NR	1 x 10 ml	vacutainer tube	1 x clot
Sharma et al. 2020	LabTech AVI-532-BL	3000 rpm, 10 min, NR	6 ml	10-ml tube	NR, NR
Srinivas et al. 2018	NR	3000 rpm, 10 min, NR	1x 10 ml	10-ml tube	1 x clot
Suttapreyasri and Leepong 2013	EBA 20 Hettich	3000 rpm, 10 min, 857 g*	1 x 10 ml	10-ml glass tube	1 x clot
Taha 2019	NR	3000 rpm, 10 min, NR	1 x 10 ml	10-ml vacuum tubes (plain tube)	1 x clot
Temmerman et al. 2016	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	8 x 10 ml	10-ml plastic tube	2-5 clots + 2-3 membranes
Travezan-Moreyra et al. 2021	NR	3000 rpm, 10 min, NR	NR	NR	plug + membrane
Ustaoglu et al. 2019	IntraSpin Intra-Lock	2700 rpm, 12 min, 708 g*	9 ml	9-ml tubes	2-3 membranes
Zhang et al. 2018	Universal 320 Hettich	NR, 10 min, 400 g	2 x 9 ml	NR	membrane

Abbreviations: NR: not reported, RCF: relative centrifugal force

*RCF-max values calculated with data provided by the original study and the centrifuge manufacturer

**RCF values provided by the original study without the position reference