

Supplementary Material

Table S1. Main outcomes per intention to treat (ITT) analysis according to intervention groups in pregnant and postpartum women participating in the IMPROVE trial.

	Early PT				Late PT				<i>p</i> - <i>value</i>
	Fortification		Placebo		Fortification		Placebo		
	n	Mean (SD)	n	Mean (SD)	n	Mean (SD)	n	Mean (SD)	
BOP (%)									
T0	17	0.21 (0.15)	15	0.20 (0.14)	19	0.15 (0.11)	18	0.23 (0.16)	<0.01 (0.76)
T2		0.13 (0.12)		0.09 (0.07)		0.20 (0.20)		0.29 (0.18)	
Δ T		-0.10 (0.15)		-0.11 (0.15)		0.04 (0.19)		0.07 (0.15)	
PD (mm)									
T0	17	4.30 (0.20)	15	4.24 (0.23)	19	4.27 (0.19)	18	4.30 (0.27)	0.76 (0.36)
T2		4.27 (0.19)		4.22 (0.26)		4.20 (0.13)		4.29 (0.17)	
Δ T		-0.03 (0.24)		-0.02 (0.19)		-0.07 (0.21)		-0.01 (0.22)	
CAL (mm)									
T0	17	4.3 (0.19)	15	4.21 (0.21)	19	4.22 (0.19)	18	4.28 (0.24)	0.22 (0.32)
T2		4.30 (0.20)		4.29 (0.34)		4.37 (0.43)		4.29 (0.17)	
Δ T		0.00 (0.25)		0.07 (0.3)		0.13 (0.48)		0.01 (0.27)	
Calcium (mg/dL)									
T0	17	9.1 (0.6)	14	9.2 (0.5)	19	9.3 (0.7)	18	9.0 (0.6)	0.25 (0.44)
T1		8.8 (0.5)		8.7 (0.5)		8.9 (0.5)		9.0 (0.8)	
T2		9.1 (0.7)		8.7 (0.6)		9.2 (0.6)		9.0 (0.7)	
Δ T		0 (0.9)		-0.5 (0.6)		-0.1 (0.6)		0 (0.6)	
Vitamin D (ng/ml)									
T0	17	26.6 (9.8)	15	28.1 (14.3)	19	30.6 (6.0)	18	31.5 (11.9)	
T1		29.4 (9.2)		25.8 (8.0)		31.6 (8.8)		33.1 (9.6)	

T2		23.4 (10.5)		28.8 (11.5)		27.2 (7.1)		28.1 (9.5)	
ΔT		-0.9 (8.5)		-2.7 (12.5)		-2.7 (6.8)		-2.4 (6.7)	0.68 (0.79)
CRP (mg/L)									
T0		11.1 (7.3)		9.8 (6.3)		11.9 (9.5)		8.7 (5.0)	
T1	17	7.8 (4.8)	15	5.3 (3.8)	19	12.5 (8.0)	18	10.1 (8.4)	
T2		6.4 (4.9)		7.6 (7.5)		7.2 (7.4)		4.6 (3.5)	
ΔT		-4.9 (6.4)		-2.1 (8.9)		-5.3 (9.4)		-4.1 (4.5)	0.57 (0.31)
Glucose (mg/dL)									
T0		72.8 (8.6)		74.0 (8.2)		73.5 (7.0)		73.6 (8.6)	
T1	17	76.5 (12.4)	15	68.8 (9.0)	19	74.0 (12.9)	18	77.2 (14.3)	
T2		80.2 (14.6)		75.9 (6.8)		78.5 (11.5)		81.3 (11.8)	
ΔT		4.9 (16.3)		3.0 (8.9)		4.7 (12.5)		5.9 (13.5)	0.71 (0.98)
Insulin (μU/ml)									
T0		7.9 (3.7)		9.8 (7.2)		8.7 (3.8)		7.9 (3.7)	
T1	17	8.4 (3.6)	15	8.8 (3.3)	19	11.4 (4.3)	18	10.0 (3.8)	
T2		7.6 (5.2)		5.7 (2.8)		5.0 (2.5)		4.5 (1.9)	
ΔT		-0.6 (6.4)		-1.4 (4.4)		-3.7 (3.0)		-3.0 (3.1)	0.03 (0.09)
Birthweight (g)									
T2	13	3,467.1 (327.0)	9	3,266.8 (457.6)	17	3,334.8 (385)	16	3,404.8 (573.6)	0.85(0.73)

Bold: p-value less than 0.05 for periodontal treatment (outside parenthesis) or milk fortification (inside parenthesis).

BOP: Sites with bleeding on probing; CAL: clinical attachment loss; CRP: ultra-sensitive C-Reactive Protein; PD: pocket depth.