

Table 2. Difference in the cumulative fluoride release between both materials after period of time

t	Dataset number	Outcome	95%CI	p-value	Medium (unit of measurement)
1d/24h	[13,25,31]	WMD 0.52	-0.47, 1.52	=0.30	In deionized water ($\mu\text{g}/\text{cm}^2$)
7d/1w	26	MD 8.00	5.35, 10.65	<0.00001*	
10d	[43,47]	WMD 3.33	2.45, 4.21	<0.00001*	
14d/2w	27	MD 12.00	7.31, 16.69	<0.00001*	
15d	[1,2]	WMD 7.10	-3.12, 17.31	=0.17	In demineralising solution ($\mu\text{g}/\text{cm}^2$)
	[3,4]	WMD 2.89	-0.97, 6.75	=0.14	
28d	61	MD 147.90	137.61, 158.19	<0.00001*	In acidified saliva (ppm)
	62	MD 29.50	28.76, 30.24	<0.00001*	In neutral saliva (ppm)
30d/1m	28	MD 12.10	7.04, 17.16	<0.00001*	In deionized water ($\mu\text{g}/\text{cm}^2$)
40d	[44,48]	WMD 6.35	5.37, 7.33	<0.00001*	
60d/2m	29	MD 11.00	3.89, 18.11	=0.002*	
90d/3m	[30,45,49]	WMD 10.71	3.87, 17.55	=0.002*	
6m	[46,50]	WMD 12.52	-2.49, 27.52	=0.10	
1y	[11,32]	WMD 257.74	-5.87, 521.35	=0.06	
3y	12	MD 136.00	126.68, 145.32	<0.00001*	

.t = period of time; h = hour(s); d = day(s); w = week(s); m = month(s); y = year(s); WMD = Weighted mean difference; MD = mean difference; CI = confidence interval, [] = Datasets combined through meta-analysis (random effects model).

* Result in favor of GIC

Results in red = no difference between both materials