

# Supplement

Supplement to: Spoelman WA, Bonten TN, de Waal MWM, et al. Effect of an evidence-based website on health care utilization: an interrupted time-series study

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## eTables

**eTable 1.** Characteristics of the study population over time.

	Year					Whole study period
	2010	2011	2012	2013	2014	
N, total	637 467	1 143 455	695 316	1 009 195	1 638 602	5 124 035
Age (mean, sd)	39.3 (22.7)	39.4 (22.7)	40.5 (22.9)	40.5 (23.0)	41.0 (23.0)	40.2 (22.9)
Gender (% male)	49.5	49.1	49.4	49.3	49.4	49.3

SD: standard deviation

**eTable 2.** Change in consultation rate before and after the launch of the website in march 2012, stratified for type of consultation.

Consultation type	Constant <sup>a</sup>	Pre-intervention slope	Post-intervention slope	Slope change	P-value
Short	185.095	-0.142	-0.603	-0.461	.097
Telephone	62.357	0.726	-0.330	-1.056	.001
Long	24.234	0.267	0.172	-0.095	.152

Values are presented as consultations/1000 patients/month

<sup>a</sup>Consultation rate at t=0

**eTable 3.** Level change in consultation rate 1 and 2 years after the launch of the website

Type of consultations	1 year after website release			2 year after website release		
	Absolute slope change	Relative slope change	P-value	Absolute slope change	Relative slope change	P-value
All consultations	-20.458	-6.3%	.02	-39.901	-11.6%	.003
Top 10 topics	-1.574	-4.6%	.14	-3.607	-10.1%	.02

Values are presented as consultations/1000 patients/month

**eTable 4.** Change in consultation rate before and after the launch of the website, including only high-grade ICPC recording (>95%) family physicians.

Type of consultations	Constant <sup>a</sup>	Pre-intervention slope	Post-intervention slope	Slope change	P-Value
All consultations	269.790	0.553	-0.680	-1.234	.03
Top 10 topics	31.246	0.034	-0.117	-0.151	.02
Reference group	4.787	0.002	-0.022	-0.024	.05

Values are presented as consultations/1000 patients/month

<sup>a</sup> Consultation rate at t=0

**eTable 5.** Change in consultation rate before and after the launch of the website, including only family physicians recording throughout the entire study period.

Type of consultations	Constant <sup>a</sup>	Pre-intervention slope	Post-intervention slope	Slope change	P-Value
All consultations	278.473	0.739	-1.253	-1.992	<.001
Top 10 topics	29.895	0.042	-0.104	-0.146	.02
Reference group	4.951	-0.007	-0.001	0.006	.66

Values are presented as consultations/1000 patients/month

<sup>a</sup> Consultation rate at t=0

**eTable 6.** Change in consultation rate before and after the launch of the website stratified for chronic care<sup>a</sup> and non-chronic care.

Type of consultations	Constant <sup>b</sup>	Pre-intervention slope	Post-intervention slope	Slope change	P-Value
Chronic care*	31.959	0.136	-0.097	-0.233	.005
Non-chronic care	240.168	0.692	-0.697	-1.389	<.001

Values are presented as consultations/1000 patients/month

<sup>a</sup>Chronic care was defined as the consultations typically performed by the nurse practitioner: Diabetes Mellitus (T90), COPD (R95), Asthma (R96) and cardiovascular disease/risk management (K49, K74, K75, K76, K85, K86, K87, K89, K90, K92 and K99)

<sup>b</sup>Consultation rate at t=0