

Supplementary materials

Willingness to deprescribe among older adults: a cross-sectional study in community pharmacies

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Elodie Marcellaud^{1,2*}, Tassadit Merabtine¹, Jérémy Couturas^{1,3}, Zeinab Tarhini¹, Hugo Célèrier², Simon Ageorges², Priscillia Alves Gomes², Achille Tchalla^{4,5}, Édouard Desvaux⁴, Jérémy Jost^{1,2}

Affiliations:

(1) Inserm U1094, IRD UMR270, Univ. Limoges, CHU Limoges, EpiMaCT – Epidemiology of chronic diseases in tropical zone, Institute of Epidemiology and Global Health – Michel Dumas, OmegaHealth, Limoges, France

(2) Unit of Clinical Pharmacy, Division of Hospital Pharmacy, Limoges Hospital Center, Limoges, France

(3) Pharmacy Departement, Esquirol Hospital Center, Limoges, France

(4) Division of Geriatrics, Limoges Hospital Center, Limoges, France

(5) VIESANTE, UR 24134 Ageing Frailty Prevention e-Health, OmegaHealth Institute, Limoges University, Limoges, France

* Corresponding author : Inserm U1094, IRD UMR270, Univ. Limoges, CHU Limoges, EpiMaCT – Epidemiology of chronic diseases in tropical zone, Institute of Epidemiology and Global Health – Michel Dumas, OmegaHealth, Limoges, France. Email address: elodie.marcellaud@unilim.fr. Phone number: +335 55 05 88 53

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Table s1: Comparison of baseline characteristics by geographical location (n= 505)	3
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	Total (n= 505)		Urban area (n = 129)		Semi-urban area (n = 195)		Rural area (n = 181)		p-value
	n(%)	m(sd)	n(%)	m(sd)	n(%)	m(sd)	n(%)	m(sd)	
Men	260 (51.5)		62 (48.1)		103 (52.8)		95 (52.5)		0.665
Age (years)		71.9 (9.0)		71.2 (8.4)		71.7 (9.2)		72.7 (9.3)	0.369
Age group (years)									0.104
55 – 64	108 (21.4)		29 (22.5)		43 (22.1)		36 (19.9)		
65 – 74	217 (43.0)		54 (41.9)		91 (46.7)		72 (39.8)		
75 – 79	61 (12.1)		21 (16.3)		13 (6.7)		27 (14.9)		
>80	119 (23.6)		25 (19.4)		48 (24.6)		46 (25.4)		
Region									<0.001
Haute-Vienne	362 (71.7)		110 (85.3)		137 (70.3)		115 (63.5)		
Dordogne	143 (28.3)		19 (14.7)		58 (29.7)		66 (36.5)		
Falls	96 (19.0)		21 (16.3)		29 (14.9)		46 (25.4)		0.022
Number of comorbidities		3.3 (1.4)		3.1 (1.3)		3.4 (1.7)		3.3 (1.6)	0.175
Medical history									
Heart diseases	212 (42.0)		53 (41.1)		78 (40.0)		81 (44.8)		0.629
Hypertension	332 (65.7)		81 (62.8)		132 (67.7)		119 (65.7)		0.661
Hypercholesterolemia	255 (50.5)		63 (48.8)		100 (51.3)		92 (50.8)		0.906
Diabetes	188 (37.2)		42 (32.6)		67 (34.4)		79 (43.6)		0.079
Gastro-oesophageal reflux	154 (30.5)		38 (29.5)		70 (34.9)		46 (25.4)		0.084
Constipation	103 (20.4)		26 (20.2)		45 (23.1)		32 (17.7)		0.429
Depression/Anxiety	163 (32.3)		38 (29.5)		71 (36.4)		54 (29.8)		0.288
Sleep disorders	169 (33.5)		47 (36.4)		62 (31.8)		60 (33.1)		0.683
Urinary incontinence	79 (15.6)		15 (11.6)		35 (17.9)		29 (16.0)		0.304
Medication									
ACEi*/ARB†	352 (69.7)		85 (65.9)		137 (70.3)		130 (71.8)		0.522
Beta-blockers	172 (34.1)		37 (28.7)		70 (35.9)		65 (35.9)		0.328
Loop diuretics	64 (12.7)		9 (7.0)		24 (12.3)		31 (17.1)		0.029
Statins	267 (52.9)		59 (45.7)		111 (56.9)		97 (53.6)		0.138
Oral antidiabetics	179 (35.4)		41 (31.8)		63 (32.3)		75 (41.4)		0.109
Proton pump inhibitors	178 (35.2)		42 (32.6)		79 (40.5)		57 (31.5)		0.143
Laxatives	81 (16.0)		19 (14.7)		34 (17.4)		28 (15.5)		0.782
Antidepressants	103 (20.4)		28 (21.7)		43 (22.1)		32 (17.7)		0.525
Anxiolytics	121 (24.0)		26 (20.2)		55 (28.2)		40 (22.1)		0.192
Hypnotics	132 (26.1)		44 (34.1)		46 (23.6)		42 (23.2)		0.058
Urinary antispasmodics	48 (9.5)		6 (4.7)		22 (11.3)		20 (11.0)		0.093
Polypharmacy									<0.001
5 medications	194 (38.4)		57 (44.2)		92 (47.2)		45 (24.9)		
6 medications	79 (15.6)		17 (13.2)		24 (12.3)		38 (21.0)		
7 medications	63 (12.5)		17 (13.2)		26 (13.3)		20 (11.0)		
8 medications	47 (9.3)		16 (12.4)		16 (8.2)		15 (8.3)		
9 medications	37 (7.3)		7 (5.4)		10 (5.1)		20 (11.0)		
More than 10 medication	85 (16.8)		15 (11.6)		27 (13.8)		43 (23.8)		
Drug knowledge									0.387
Yes, all	328 (65.0)		87 (67.4)		128 (65.6)		113 (62.4)		
Yes, a majority	111 (22.0)		23 (17.8)		40 (20.5)		48 (26.5)		
Yes, some of them	47 (9.3)		12 (9.3)		20 (10.3)		15 (8.3)		
No	19 (3.8)		7 (5.4)		7 (3.6)		5 (2.8)		
Feeling over-medicated	210 (41.6)		57 (44.2)		72 (36.9)		81 (44.8)		0.240
Restrictive treatment	189 (37.4)		39 (30.2)		72 (36.9)		78 (43.1)		0.069
Patient compliance	471 (93.3)		126 (97.7)		177 (90.8)		168 (92.8)		0.050
Acceptance of deprescription	381 (75.4)		105 (81.4)		140 (71.8)		136 (75.1)		0.144

Values are expressed as number (percentage) for categorical variables and as mean (standard deviation) for continuous variables. p-values were obtained from Chi-square or Fisher's exact test for categorical variables and from Student's t-test or Mann-Whitney U test for continuous variables, depending on normality.

*ACEi: Angiotensin-Converting Enzyme Inhibitors; †ARB: Angiotensin Receptor Blockers.