

Title: Acute Treatment Patterns, Migraine Burden, and Healthcare Resource Use in People With Migraine: Results From the OVERCOME (EU) Observational Study

Authors Details : Stefan Evers^{1,2}, Grazia Dell’Agnello³, Diego Novick⁴, H Saygin Gonderter⁵, Tommaso Panni⁶, Julio Pascual⁷

Author Affiliation(s):

¹University of Münster, Münster, Germany.

²Lindenbrunn Hospital, Copenbrügge, Germany.

³Eli Lilly Italia SpA, Sesto Fiorentino, Italy.

⁴Eli Lilly and Company Ltd., Bracknell, UK.

⁵Eli Lilly and Company Ltd., Dubai, UAE.

⁶Eli Lilly Deutschland GmbH, Bad Homburg, Germany.

⁷Hospital Universitario Marqués de Valdecilla, Universidad de Cantabria and IDIVAL, Santander, Spain.

Correspondence Details: Grazia Dell’Agnello

Address: Eli Lilly Italia SpA

Sesto Fiorentino, Italy

Supplementary Table 1. Current acute migraine/severe headache medication use in participants also using preventive medication (total migraine cohort)

	Total (N=19,207)	HD/month			
		0–3 (N=12,569)	4–7 (N=3,989)	8–14 (N=1,659)	≥15 (N=990)
Number of participants using current preventive antidepressant medication combined with: n (%)^a					
Any current acute medication	2,960	1,870	619	278	193
Triptans ^b	2,432 (82.2)	1,569 (83.9)	505 (81.6)	221 (79.5)	137 (71.0)
Ergot alkaloids ^c	211 (7.1)	134 (7.2)	45 (7.3)	23 (8.3)	9 (4.7)
NSAIDs (on prescription)	2,364 (79.9)	1,473 (78.8)	507 (81.9)	227 (81.7)	157 (81.3)
Paracetamol (prescription or OTC)	1,299 (43.9)	737 (39.4)	329 (53.2)	147 (52.9)	86 (44.6)
OTC analgesics ^d	2,115 (71.5)	1,356 (72.5)	460 (74.3)	191 (68.7)	108 (56.0)
Other prescription drugs	1,505 (50.8)	872 (46.6)	336 (54.3)	169 (60.8)	128 (66.3)
Other OTC drugs	351 (11.9)	173 (9.3)	90 (14.5)	53 (19.1)	35 (18.1)
Suppositories ^e (prescription or OTC)	2,366 (79.9)	1,643 (87.9)	446 (72.1)	181 (65.1)	96 (49.7)

Number of participants using current preventive antiseizure medication combined with: n (%)^a

Any current acute medication	2,754	1,757	594	233	170
Triptans ^b	2,323 (84.4)	1,477 (84.1)	510 (85.9)	199 (85.4)	137 (80.6)
Ergot alkaloids ^c	212 (7.7)	134 (7.6)	47 (7.9)	20 (8.6)	11 (6.5)
NSAIDs (on prescription)	2,194 (79.7)	1,392 (79.2)	478 (80.5)	191 (82.0)	13 (78.2)
Paracetamol (prescription or OTC)	1,143 (41.5)	663 (37.7)	248 (47.8)	120 (51.5)	76 (44.7)
OTC analgesics ^d	1,961 (71.2)	1,284 (73.1)	417 (70.2)	163 (70.0)	97 (57.1)
Other prescription drugs	1,411 (51.2)	831 (47.3)	329 (55.4)	141 (60.5)	110 (64.7)
Other OTC drugs	301 (10.9)	158 (9.0)	71 (12.0)	41 (17.6)	31 (18.2)
Suppositories ^e (prescription or OTC)	2,280 (82.8)	1,556 (88.6)	460 (77.4)	164 (70.4)	100 (58.8)

Number of participants using current preventive antihypertensive medication combined with: n (%)^a

Any current acute medication	3,054	1,961	640	282	171
Triptans ^b	2,547 (83.4)	1,625 (82.9)	554 (86.6)	236 (83.7)	132 (77.2)

Ergot alkaloids ^c	213 (7.0)	135 (6.9)	48 (7.5)	20 (7.1)	10 (5.8)
NSAIDs (on prescription)	2,421 (79.3)	1,534 (78.2)	518 (80.9)	228 (80.9)	141 (82.5)
Paracetamol (prescription or OTC)	1,345 (44.0)	786 (40.1)	324 (50.6)	152 (53.9)	83 (48.5)
OTC analgesics ^d	2,204 (72.2)	1,436 (73.2)	469 (73.3)	190 (67.4)	109 (63.7)
Other prescription drugs	1,489 (48.8)	906 (46.2)	331 (51.7)	148 (52.5)	104 (60.8)
Other OTC drugs	345 (11.3)	178 (9.1)	89 (13.9)	45 (16.0)	33 (19.3)
Suppositories ^e (prescription or OTC)	2,453 (80.3)	1,664 (84.9)	500 (78.1)	191 (67.7)	98 (57.3)

Number of participants using current preventive injectable migraine medication combined with: n (%)^a

Any current acute medication	1,422	943	293	116	70
Triptans ^b	1,263 (88.8)	835 (88.5)	264 (90.1)	102 (87.9)	62 (88.6)
Ergot alkaloids ^c	134 (9.4)	89 (9.4)	27 (9.2)	10 (8.6)	8 (11.4)
NSAIDs (on prescription)	1,122 (78.9)	737 (78.2)	236 (80.5)	96 (82.8)	53 (75.7)
Paracetamol (prescription or OTC)	543 (38.2)	324 (34.4)	134 (45.7)	52 (44.8)	33 (47.1)

OTC analgesics ^d	1,025 (72.1)	687 (72.9)	214 (73.0)	81 (69.8)	43 (61.4)
Other prescription drugs	678 (47.7)	420 (44.5)	156 (53.2)	62 (53.4)	40 (57.1)
Other OTC drugs	157 (11.0)	84 (8.9)	42 (14.3)	17 (14.7)	14 (20.0)
Suppositories ^e (prescription or OTC)	1,300 (91.4)	895 (94.9)	261 (89.1)	98 (84.5)	46 (65.7)

^aPercentages are based on the number of participants taking each class of preventive medications combined with any current acute medication; ^bTriptans are available on prescription or OTC in Germany but are prescription only in Spain; ^cErgot alkaloids are only reimbursed in Germany; ^de.g., aspirin, loxoprophen; ^eAny suppository used to treat or relieve migraine or severe headache (data were not analyzed according to the type of suppository used). Sumatriptan is available as a suppository in Germany but not in Spain.

HD, headache days; NSAID, non-steroidal anti-inflammatory drug; OTC, over-the-counter; SD, standard deviation