

Appendix 2 (as supplied by the authors): Risk of pneumonia in terms of benzodiazepine and related drug substances and dose among those who initiated with only one drug (N =8,383 and 119 users initiating two benzodiazepines concomitantly were excluded, N = 8,382)

Drug	Number of users in monotherapy	Number of pneumonia events	Unadjusted HR (95% CI)
Drug substance specific comparisons^{a)}			
Diazepam	236	6	1.50 (0.42-5.32)
Chlordiazepoxide	28	0	
Oxazepam	2568	154	1.59 (1.20-2.09)
Lorazepam	714	48	1.31 (0.81-2.13)
Alprazolam	105	5	0.57 (0.17-1.95)
Nitrazepam	29	1	
Temazepam	1433	87	1.12 (0.79-1.60)
Zopiclone	2876	130	1.04 (0.79-1.39)
Zolpidem	393	8	1.00 (0.35-2.85)
Dose category comparisons			
Lower dose (<1.1 DDDs)	7936	405	1.18 (1.01-1.39)
Higher dose (≥1.1 DDDs)	446	34	2.00 (1.05-3.80)
DDD=Defined Daily Dose per day as average dose during the use.			
^{a)} Users were censored when they switched or started concomitant use of two or more benzodiazepines and related drugs, in addition to >90 days hospitalization/institutionalization, death, discontinuation of use, outcome of interest (pneumonia), or the end of study follow-up (December 31, 2012), whichever occurred first.			