



This is a repository copy of *The Cochrane 2018 review on brief interventions in primary care for hazardous and harmful alcohol consumption: a distillation for clinicians and policy makers*.

White Rose Research Online URL for this paper:  
<https://eprints.whiterose.ac.uk/147518/>

Version: Supplemental Material

---

#### **Article:**

Beyer, F.R., Campbell, F. [orcid.org/0000-0002-4141-8863](https://orcid.org/0000-0002-4141-8863), Bertholet, N. et al. (5 more authors) (2019) The Cochrane 2018 review on brief interventions in primary care for hazardous and harmful alcohol consumption: a distillation for clinicians and policy makers. *Alcohol and Alcoholism*, 54 (4). pp. 417-427. ISSN 0735-0414

<https://doi.org/10.1093/alcalc/agz035>

---

This is a pre-copyedited, author-produced version of an article accepted for publication in *Alcohol and Alcoholism* following peer review. The version of record F R Beyer, F Campbell, N Bertholet, J B Daeppen, J B Saunders, E D Pienaar, C R Muirhead, E F S Kaner, The Cochrane 2018 Review on Brief Interventions in Primary Care for Hazardous and Harmful Alcohol Consumption: A Distillation for Clinicians and Policy Makers, *Alcohol and Alcoholism* is available online at: <https://doi.org/10.1093/alcalc/agz035>

#### **Reuse**

Items deposited in White Rose Research Online are protected by copyright, with all rights reserved unless indicated otherwise. They may be downloaded and/or printed for private study, or other acts as permitted by national copyright laws. The publisher or other rights holders may allow further reproduction and re-use of the full text version. This is indicated by the licence information on the White Rose Research Online record for the item.

#### **Takedown**

If you consider content in White Rose Research Online to be in breach of UK law, please notify us by emailing [eprints@whiterose.ac.uk](mailto:eprints@whiterose.ac.uk) including the URL of the record and the reason for the withdrawal request.



[eprints@whiterose.ac.uk](mailto:eprints@whiterose.ac.uk)  
<https://eprints.whiterose.ac.uk/>

# Brief alcohol interventions: meta-analytic summary

Table 2: Results of all meta-analyses

Outcome	BI vs control				Ext vs control				Ext vs BI			
	N (K)	Mean	95% CI	I <sup>2</sup> (Chi <sup>2</sup> ) <u>Tau<sup>2</sup></u>	N (K)	Mean	95% CI	I <sup>2</sup> (Chi <sup>2</sup> ) <u>Tau<sup>2</sup></u>	N (K)	Mean	95% CI	I <sup>2</sup> (Chi <sup>2</sup> ) <u>Tau<sup>2</sup></u>
Quantity (grams/ week)	15,197 (34)	-20.08	-28.36 to -11.81	73% (122.12) <u>301.17</u>	1,296 (6)	-19.50	-40.47 to 1.48	23% (6.51) <u>159.85</u>	552 (3)	1.54	-42.01 to 45.10	0 (1.28) <u>0</u>
Frequency (HED/week)	6,946 (15)	-0.08	-0.14 to -0.02	22% (18.0) <u>0</u>	456 (2)	-0.08	-0.28 to 0.12	0 (0.58) <u>0</u>	NR	NR	NR	NR
Frequency (days/week)	5,469 (11)	-0.13	-0.23 to -0.04	0% (5.38) <u>0</u>	319 (2)	-0.45	-0.81 to -0.09	0 (0.03) <u>0</u>	147 (1)	-0.51	-1.21 to 0.19	-
Intensity (grams/ occasion)	3,128 (10)	-0.18	-3.09 to 2.73	25% (12.04) <u>5.14</u>	158 (1)	-8.51	-25.69 to 8.67	-	147 (1)	-1.70	-18.86 to 15.46	-
Heavy drinkers (risk difference)	7,623 (18)	-0.09	-0.13 to -0.04	77% (72.45) <u>0.01</u>	521 (1)	-0.06	-0.14 to 0.03	-	NR	NR	NR	NR
Heavy episodic drinkers (risk difference)	4,456 (10)	-0.07	-0.12 to -0.02	76% (38.27) <u>0</u>	777 (2)	-0.02	-0.07 to 0.03	0 (0.03) <u>0</u>	339 (2)	0.02	-0.08 to 0.12	0 (0.04) <u>0</u>
GGT (IU/L)	1,166 (3)	-0.89	-3.86 to 2.08	0% (0.47) <u>0</u>	59 (1)	-5.70	-20.25 to 8.85	-	NR	NR	NR	NR
MCV (fl)	NR	NR	NR	NR	NR	NR	NR	NR	95 (1)	0.6	-1.6 to 2.8	-

Footnotes: BI - brief intervention; Ext - extended intervention; N – number of participants; K – number of studies; GGT - serum gamma-glutamyltransferase; MCV - mean corpuscular volume; NR - not reported