





Don't take it for granted

Hugo López-Pelayo, Elsa Caballería, Arianna Sánchez, Estela Díaz, Lidia Segura, Joan Colom, Paul Wallace, Antoni Gual







UNIÓN EUROPEA "Una manera de hacer Europa"

Barriers for BI implementation in PHC are clear





Alcohol Measures for Public Health Research Alliance (AMPHORA)

Report on the mapping of European need and service provision for early diagnosis and treatment of alcohol use disorders

Deliverable 2.5, Work Package 6

The public health impact of individually directed brief interventions and treatment for alcohol use disorders in European countries

Amy Wolstenholme, Colin Drummond, Paolo Deluca, Zoe Davey, Catherine Elzerbi, Antoni Gual, Noemí Robles, Jillian Reynolds, Cees Goos, Julian Strizek, Christine Godfrey, Karl Mann, Evangelos Zois, Sabine Hoffman, Gerhard Gmel, Hervé Kuendig, Emanuale Scafato, Claudia Gandin, Simon Coulton, Joan Colom, Lidia Segura, and Begoña Baena

Table 4.5 - Main barriers to alcohol brief interventions in primary care

Reason	N of responses	Percent of cases
Time constraints	224	72.0
Lack of financial incentives	97	31.2
Risk of upsetting the patient	87	28.0
Lack of training	125	40.2
Lack of services to refer patient to	68	21.9
Other reasons	33	10.6
Total	634	

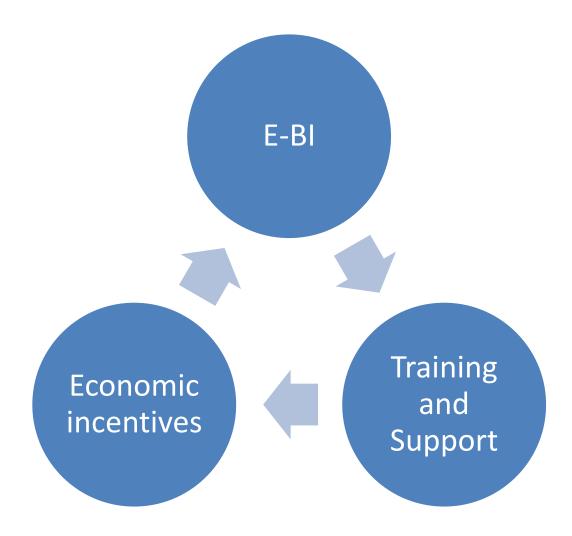
Facilitated access to e-BI has been proposed to overcome these barriers





ODHIN

Optimizing delivery of health care interventions



A randomised controlled non-inferiority BMI **OPEN** trial of primary care-based facilitated access to an alcohol reduction website (EFAR-FVG): the study protocol

> Pierluigi Struzzo,¹ Emanuele Scafato,² Richard McGregor,³ Roberto Della Vedova,¹ Lisa Verbano,¹ Charilaos Lygidakis,⁴ Costanza Tersar,¹ Lucia Crapesi,¹ Gianni Tubaro,¹ Nick Freemantle,⁵ Paul Wallace⁶

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ABSTRACT

Introduction: There is a strong body of evidence demonstrating the effectiveness of brief interventions by primary care professionals for risky drinkers. However, implementation levels remain low because of time constraints and other factors. Facilitated access to an alcohol reduction website offers primary care professionals a time-saving alternative to standard face-to-face intervention, but it is not known whether it is as effective.

Methods and analysis: A randomised controlled non-inferiority trial for risky drinkers comparing facilitated access to a dedicated website with standard face-to-face brief intervention to be conducted in primary care settings in the Region of Friuli Giulia Venezia, Italy. Adult patients will be given a leaflet inviting them to log on to a website to complete the Alcohol Use Disorders Identification Test (AUDIT-C) alcohol screening questionnaire. Screen positives will be requested to complete an online trial module including consent, baseline assessment and randomisation to either standard intervention by the practitioner or facilitated access to an alcohol reduction website. Follow-up assessment of risky drinking will be undertaken online at 1 month, 3 months and 1 year using the full AUDIT questionnaire. Proportions of risky drinkers in each group will be calculated and non-inferiority assessed against a specified margin of 10%. Assuming a reduction of 30% of risky drinkers receiving standard intervention, 1000 patients will be required to give 90% power to reject the null hypothesis Ethics and dissemination: The protocol was approved by the Isontina Independent Local Ethics Committee on 14 June 2012. The findings of the

For numbered affiliations see presentations and public events involving the local

end of article

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trial will be disseminated through peer-reviewed journals, national and international conference

administrations of the towns where the trial participants are resident

Registration details: Trial registration number NCT: 01638338.

Struzzo P, Scafato E, McGregor R, et al. BMJ Open 2013;3:e002304. doi:10.1136/bmjopen-2012-002304

ARTICLE SUMMARY

Article focus Is the website-facilitated access to alcohol brief Intervention (BI) as good as face-to-face BI? . Is primary care the right setting to promote internet usage?

Key messages Risky drinking is an important health issue.

· General practices are too busy to provide BI on alcohol.

Strengths and limitations of this study A new, widespread tool is proposed to reduce risky drinking. If not effective, this study will promote BI among general practitioners.

. The domestic use of computers is not widespread in Italy, and community involvement might be important

BACKGROUND

Hazardous alcohol consumption is a significant public health problem, with an estimated 3.8% of all global deaths and 4.6% of global disability-adjusted life years lost attributable to alcohol.1 The European Union (EU) is the heaviest drinking region in the world, drinking an average of 11 litres of pure alcohol per adult each year.2 In Region Friuli Venezia Giulia, risky alcohol consumption varies between 23.2% and 37.4% of the general population, being more significant in young adults (18-24 years).³⁻⁶ There is strong evidence that screening and brief interventions (SBIs) are effective in reducing both alcohol consumption and the harms associated with hazardous drinking. However, in primary care, less than 10% of hazardous and harmful drinkers are

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Main conclusions

- •Non-inferiority: eBI = BI
- •Cost-effectiveness: eBI >BI

But facilitated access to e-BI is not a miracle



ADDICTION

RESEARCH REPORT

SSA SOCIETY FOR THE

doi:10.1111/add.13476

Improving the delivery of brief interventions for heavy drinking in primary health care: outcome results of the **Optimizing Delivery of Health Care Intervention** (ODHIN) five-country cluster randomized factorial trial

Peter Anderson^{1,2}, Preben Bendtsen³, Fredrik Spak⁴, Jillian Reynolds⁵, Colin Drummond^{6,7}, Lidia Segura⁸, Myrna N. Keurhorst⁹, Jorge Palacio-Vieira⁸, Marcin Wojnar¹⁰, Kathryn Parkinson¹, Joan Colom⁸, Karolina Kłoda¹¹, Paolo Deluca⁶, Begoña Baena⁸, Dorothy Newbury-Birch¹, Paul Wallace¹², Maud Heinen⁹, Amy Wolstenholme⁶, Ben van Steenkiste², Artur Mierzecki¹¹ Katarzyna Okulicz-Kozaryn¹³, Gaby Ronda², Eileen Kaner¹, Miranda G. H. Laurant^{9,14}, Simon Coulton¹⁵ & Toni Gual⁵



"The option of referral to eBI did not lead to a higher proportion of screened patients"

BMJ Open Implementing referral to an electronic alcohol brief advice website in primary healthcare: results from the ODHIN implementation trial Preben Bendtsen,¹ Ulrika Müssener,² Nadine Karlsson,² Hugo López-Pelayo,³ Jorge Palacio-Vieira,⁴ Joan Colom,⁴ Antoni Gual,³ Jillian Reynolds,³ Paul Wallace,⁵ Lidia Segura,⁴ Peter Anderson^{6,7} To cite: Bendtsen P, ABSTRACT Strengths and limitations of this study Objectives: The objective of the present study was to explore whether the possibility of offering facilitated There is a lack of studies on implementing referaccess to an alcohol electronic brief intervention (eBI) ral to an alcohol electronic brief intervention (eBI) by healthcare staff in primary healthcare as instead of delivering brief face-to-face advice increased the proportion of consulting adults who were screened reported in the present study. and given brief advice. The strength of this study is the participation from five jurisdictions, enabling us to study the Design: The study was a 12-week implementation study. Sixty primary healthcare units (PHCUs) in 5 variability of referrals to eBI. jurisdictions (Catalonia, England, the Netherlands, In addition, the high number of participating pro Poland and Sweden) were asked to screen adults who viders and primary healthcare units (PHCUs) is attended the PHCU for risky drinking. seen as a strength Setting: A total of 120 primary healthcare centres Limitations include the failure of some jurisdice from 5 jurisdictions in Europe. tions to implement referral to the eBI as Participants: 746 individual providers (general intended, as well as the lack of access and trust practitioners, nurses or other professionals) in internet-based health promotion among patients (that might be due to the age of the participated in the study. Primary outcome: Change in the proportion of population screened in some jurisdictions). patients screened and referred to eBI comparing a baseline 4-week preimplementation period with a 12-week implementation period. BACKGROUND Results: The possibility of referring patients to the eBI Alcohol continues to be a leading cause of was not found to be associated with any increase in the disease globally.1 Despite evidence on the effiproportion of patients screened. However, it was cacy and cost efficacy of screening and brief associated with an increase in the proportion of screenadvice to risky drinkers in primary healthcare, positive patients receiving brief advice from 70% to 80% for the screen-positive sample as a whole these interventions are rarely implemented in (p<0.05), mainly driven by a significant increase in brief routine practice, resulting in identification of intervention rates in England from 87% to 96% <10% of the population at risk and <5% of (p<0.01). The study indicated that staff displayed a low those who are screened receiving brief level of engagement in this new technology. Staff advice.2-4 Although delivery of a brief alcohol continued to offer face-to-face advice to a larger intervention might only take 10-15 min, this proportion of patients (54%) than referral to eBI (38%). is too time-consuming for most consultations In addition, low engagement was seen among the and has been put forward by healthcare pro-CrossMark referred patients; on average, 18% of the patients fessionals as one of the key factors hindering logged on to the website with a mean log-on rate across more widespread implementation of brief the different countries between 0.58% and 36.95%. alcohol interventions. Conclusions: Referral to eBI takes nearly as much For numbered affiliations see

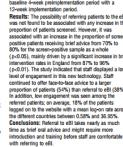
As access to the internet has increased, electronic brief advice websites (electronic brief intervention (eBI)) for risky drinkers

Research

Müssener U, Karlsson N, et al. Implementing referral to an electronic alcohol brief advice website in primary healthcare: results from the ODHIN implementation trial. BMU Open 2016;6:e010271 doi:10.1136/bmjopen-2015-010271 Prepublication history for this paper is available online. To view these files please visit the journal online (http://dx.doi.org/10.1136/ bmiopen-2015-010271). Received 16 October 2015 Revised 3 May 2016 Accepted 24 May 2016

end of article

Open Access





113 healthcare professionals must get 9 patients each one after delivering 150 brochures per professional (1000)

BMJ Open	A randomised controlled non-inferiority			
	trial of primary care-based facilitated			
	access to an alcohol reduction website			
	(EFAR Spain): the study protocol Hugo Lópa: Pelayo.' Paul Vallace ² Lidia Segura. ³ Laia Miquali ⁴ Estela Díaz. ³ Lidia Texidol, Bogoria Baena. ³ Periluigo Struzzo. ³ Jorge Palacio-Vieira, ³ cristina Casajuana ³ Joan Ciolan ³ Antoni Gual ⁴			
Te die Lösser-Peine H, Walter P, Sapra L, et al. Anderstried conference of the offer an extension of the offer of the offer an extension of the offer offer single protocol. BMC Open single protocol. B	ANSTRACT Introduction: Early identification (fi) and bid injurinoy cast. Lev) if then it highly practice has been injurinoy cast. Lev) if then it highly practice has been of the injurinoy cast. Lev) if then it highly practice has been different of the injurinoy of the injurinoy of the injurino of the injurinoy cast. Lev) if the injurinoy of the injurino of the injurinoy of the injurinoy of the injurinoy of the different of the injurinoy of the injurinoy of the constraints of the injurinoy of the injurinoy of the injurinoy of the injurinoy of the injurino of the injurinoy of the injurinoy of the injurino of the injurinoy of the injurinoy of the injurino of the injurinoy of the injurino of the injurino of the injurinoy of the injurino of the injurino of the injurino of the injurino of the injurino of the injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino injurino of the injurino of the injurino of the injurino of the injurino injurino of the injurino	15 years or older denk alcohol and 15% of them (18% million people) dink alcohol recommendel teel (1 Around the world 55% of premature dealls and 46% of the second second second second second teel (1 Around 16% second 16% second 16% second 16% second 16% second 16		
Correspondence to Hugo López-Pelayo; higoezilicínic.ub.es	INTRODUCTION Risky drinking is a worldwide public health problem. In total, 74% of Europeans aged	common in primary care, as, for example, in smoking cessation. ¹⁵ A review of trials o computer-based interventions in college drin kers found them to be more effective than ne		
nopezaonic.st.45				
вмј	López-Pelayo H, et al. BMJ Open 2014;4:e007130. doi:10	0.1136/bmjepen-2014-007130		

83 healthcare professionals get 7 patients each one after delivering 78 brochures per professional (368)



Which barriers have impact on facilitated access to e-BI?



Aim and methods

 E-survey to professionals (nurses and GPs) who had participated in EFAR Spain project

 Initially we aimed 60% of responses and at least 10 professionals of 4 quartiles of participation: low, medium-low, medium-high and high



Satisfaction

Potential new barriers

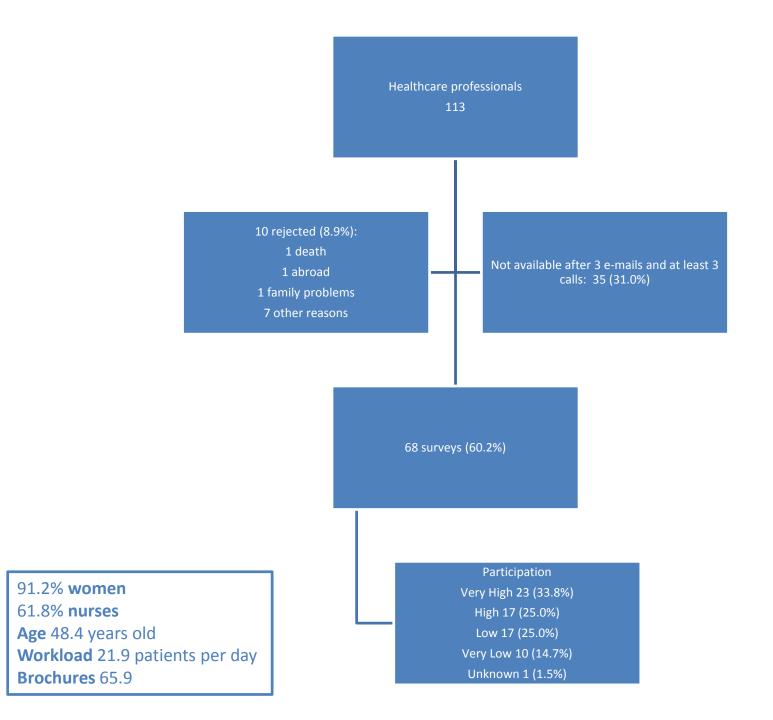
(at least 50% of participants reported this barrier as relevant)

Framework

Usefulness

Traditional barriers

(at least 50% of participants reported that facilitated access overcome this barrier)



Satisfaction and Usefulness

Dimension		%
Satisfaction	Satisfaction	79.4
	Would participate again	78
	Patient's perceived satisfaction	36.8*
	Need more support	17.7
Usefulness	Useful for alcohol reduction	26.5**
	Useful for discussing about alcohol	63.2
	Useful for discussing about health	50

Traditional and potential new barriers

Dimension	Barrier	All sample N (%) N= 68	High participation N=40	Low participation N=27	Statics (p- value)
Usefulness of	Lack of time	57 (83.8)	36 (90.0)	21 (77.8)	1.896 (0.294)
facilitated access to e-health tool to overcome traditional barriers	Lack of resources for referring	51 (75.0)	30 (75.0)	21 (77.8)	0.068 (0.794)
for BI	Lack of training	51 (75.0)	33 (82.5)	18 (66.7)	2.223 (0.136)
	Risk of upsetting the patient	56 (82.4)	34 (85.0)	22 (81.5)	0.145 (0.745)
	Lack of incentives	39 (57.4)	25 (62.5)	14 (51.9)	0.751 (0.386)
	Lack of familiarity with SBI resources	51 (75.0)	32 (80.0)	19 (70.4)	0.822 (0.365)

Dimension	Barrier	All sample (n=68)	
		N (%)	

New barriers for facilitated access to e-BI	It is time-spending	24 (35.3)
	It requires a lot of training	11 (16.2)
	Low experience with e-health	23 (33.8)
	A lot of effort to achieve BI in one patient	42 (61.8)
	Lack of feedback	39 (57.4)
	Elderly population	41 (60.3)
	Rural population	20 (29.4)
	Low socio-economic status	21 (30.9)
	Poor access to Internet	28 (41.2)
	Target population is not clear	19 (27.9)

Dimension	Barrier	High participation N=40	Low participation N=27	Statics (p-value)
New barriers for	It is time-spending	12 (30.0)	11 (40.7)	0.825 (0.364)
facilitated access to e-BI	It requires a lot of training	7 (17.5)	4 (14.8)	0.085 (1.00)
	Low experience with e- health	12 (30.0)	10 (37.0)	0.362 (0.547)
	A lot of effort to achieve BI in one patient	21 (52.5)	20 (74.1)	3.159 (0.075)
	Lack of feedback	18 (45.0)	21 (77.8)	7.119 (0.008)
	Elderly population	20 (50.0)	20 (74.1)	3.883 (0.049)
	Rural population	13 (32.5)	7(25.9)	0.333 (0.564)
	Low socio-economic status	7 (17.5)	13 (48.1)	7.231 (0.007)
	Poor access to Internet	14 (35.0)	13 (48.1)	1.158 (0.282)
	Target population is not clear	9 (22.5)	9 (33.3)	0.963 (0.326)

Multivariate analysis: binary logistic regression (high vs low participation)

	OR	CI95%	p-value
Gendre	0.11	0.01-1.39	0.088
Age	1.08	1.00-1.17	0.055
Workload	1.03	0.95-1.11	0.544
Family doctors	1.10	0.20-6.02	0.913
Lack of feedback	0.22	0.05-0.88	0.032
Elderly	0.22	0.05-0.91	0.037
Low SE	0.14	0.03-0.64	0.012
A lot of effort to	0.36	0.08-1.52	0.162
achieve BI in one			
patient			

*The logistic regression model was statistically significant, $\chi^2(8) = 27.729$, p = .0001. The model explained 46.3% (Nagelkerke R^2) of the variance in participation and correctly classified 78.8% of cases.

Preliminary Conclusions

- E- health seems useful for overcoming traditional barriers according to healthcare professionals opinion
- Potential new barriers for facilitated access to ehealth in primary care are:
 - think that the tool is not useful for alcohol reduction
 - lack of feedback
 - elderly population
 - low SE population in the practice
 - too much brochures to achieve one BI
- Those who participated less in the project trended to think more frequently that these barriers exist



 Confirm potential barriers for facilitated access to e-Bl

• E-BI tools require feedback to the healthcare professional to increase their implementation

 Those professionals who attend elderly and low SE population require more support to implement e-BI • Take into account healthcare professional's view (e.g. usefulness) in e-tool design

 Alternatives to brochures should be taken into account (e.g. SMS)

• Asking final users is necessary







Thanks! Gràcies!







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