



INEBRIA

International Network on
Brief Interventions for
Alcohol & Other Drugs



***“Alcohol and workplace: the experience of Tuscan
Alcoholological Centre (CAR) training on Early
Identification and Brief Intervention (in Italian IPIB)
Methodology.***

***I. Londi, T. Fanucchi, G. Magri, M. Spampinato, V. Patussi, G. Testino, E. Scafato,
Gruppo di lavoro IPIB***

Centro Alcológico Regionale Toscano

Centro di Alcologia - Azienda Ospedaliero Universitaria Careggi (Fi)

NATIONAL PROJECT

➤ SPONSOR:



Ministero della Salute Referent : *Bastiana Pala*

➤ MENAGMENT:



Regione Toscana

Referent : *Arcangelo Alfano, P.O. Dipendenze*

➤ ACTUATOR:



➤ **TIMES:** April 2009 – September 2011

➤ **FINANCING:** Law 125/2001 - PNAS

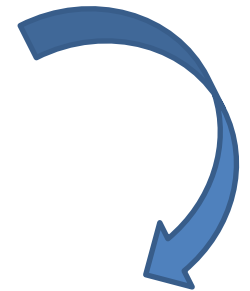
PARTNER REGIONS

-  1. Abruzzo
-  2. Calabria
-  3. Campania
-  4. Friuli Venezia Giulia
-  5. Lazio
-  6. Liguria
-  7. Marche
-  8. Puglia
-  9. Sardegna
-  10. Sicilia
-  11. Veneto
-  12. P.A. Trento

EARLY IDENTIFICATION AND BRIEF INTERVENTION

International Methodology promoted by WHO:

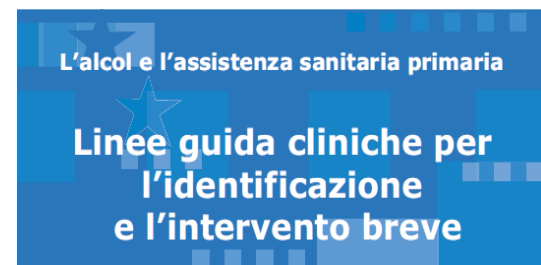
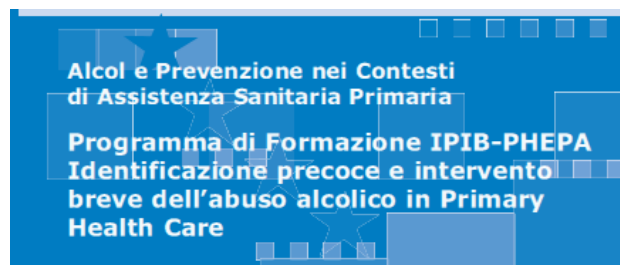
- **EIBI PROJECT**- Early Identification and Brief Intervention
- **PHEPA PROJECT**- Primary Health Care European Project on Alcohol



TRAINING STANDARD MODEL

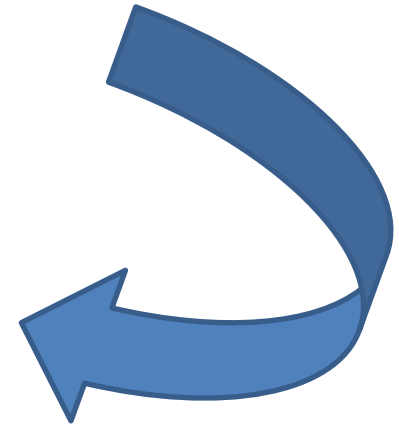
OBJECTIVES

1. **Informing** primary health care operators about risks alcohol related
2. **Providing** useful tools in professional practice for early identification of PPAC and act on hazardous and harmful alcohol consumption.



Health and Safety Professionals in workplaces : Prevention and Safety Service in workplaces

ALCOHOL & WORKPLACE



Alcohol consumption on workplaces is related on increase risk of accidents, damage to third persons, interaction with toxic substances.

The **estimates** reported values between **10-20%** (ILO), **10-30%** (WHO), **15–20%** (Rand Center For Health And Safety in the Workplace, Ramchand et al., 2009).



REFERENCE LEGISLATION

- **Law 125/2001- Framework law on alcohol and alcohol related problems**
Art. 15 - Disposizioni per la sicurezza dei lavoratori
- **MEASURE 16/3/2006 of “STATE-REGIONS CONFERENCE”**
Allegato I: Elenco attività lavorative a rischio di cui all’art. 15 L. 125/2001
- **D. Lgs. 81/08 –U.T. on the protection of health and safety at work**
Art. 15 - General measures of protection
Art. 41 - Health surveillance
- **D. Lgs. 106/2009 - correction and integretion of D. Lgs. 81/08**
Art. 41, comma 4 bis - Health surveillance



WHEN LAWS ARE NOT ENOUGH

In recent years much has been discussed on the clarity of the rules and lack of integration.

This has generated a variety of interpretations that have resulted in an implicit and tacit abrogation leaving open many doubts about alcohol risk management on working contexts.



**Increased training needed by
health and safety operators in
workplaces**





OBJECTIVES OF PROJECT/RESEARCH

1. **Describe** the sample of participants on training courses in the partner regions
2. Evaluate the **effectiveness** of training in national territory and in the different regions and public administration partners
3. Describe any **regional differences**
4. Assess the level of satisfaction expressed by participants on the **concluding conference** of the national project
5. Suggestions for **improvements** to the evaluation questionnaires used in the national project.

INSTRUMENTS



N. 3 QUESTIONNAIRES:

- **PRE-TEST (at start training):** (Collecting data and information, previous training and work experience in the field alcologico, evaluation of motivations and expectations, assessment of knowledge and skills EIBI)
- **POST-TEST (at the end of training):** Assessment of the knowledge and skills IPIB at the end of the course, specific questions about acquiring skills IPIB
- **SATISFACTION:** Evaluation of logistics and training aspects at the end of the course

METHODOLOGY

1. **Descriptive analysis** of the sample national and regional samples (all collected questionnaires)
2. **Analysis of change** in knowledge / skills on EIBI at national and regional level (questionnaires associated with each pre-test and post-test data processing aggregates)



RESULTS



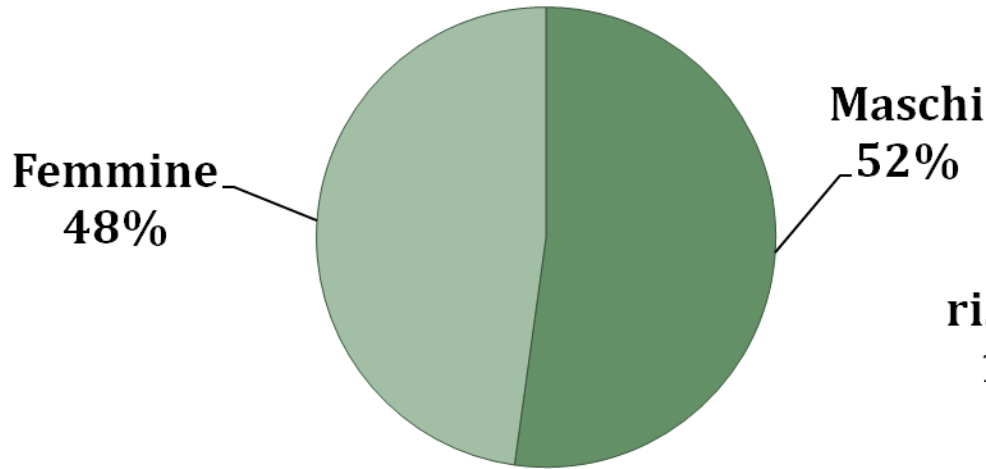
NATIONAL SAMPLE

Participants

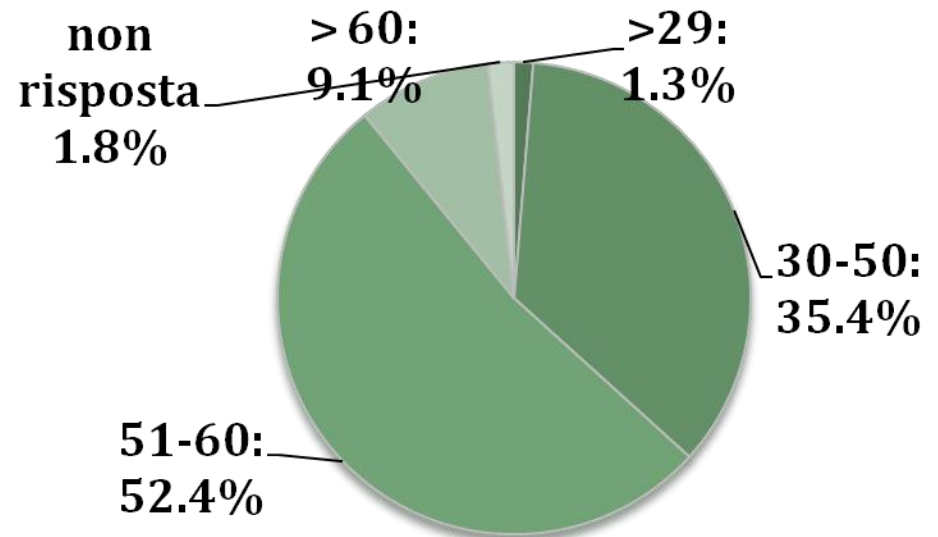
REGIONS	n. participants	n. PRE-TEST	n. POST-TEST
Marche	27	17	19
Abruzzo	37	37	27
Puglia	37	36	34
Friuli V. G.	33	30	32
P.A. Trento	41	34	33
Calabria	40	37	35
Sicilia	29	28	28
Veneto	28	23	22
Liguria	27	26	27
Campania	29	30	24
Sardegna	34	33	31
Toscana	47	37	37
Lazio	29	27	25
Total	438	395	374

DESCRIPTION

Gender



Ege



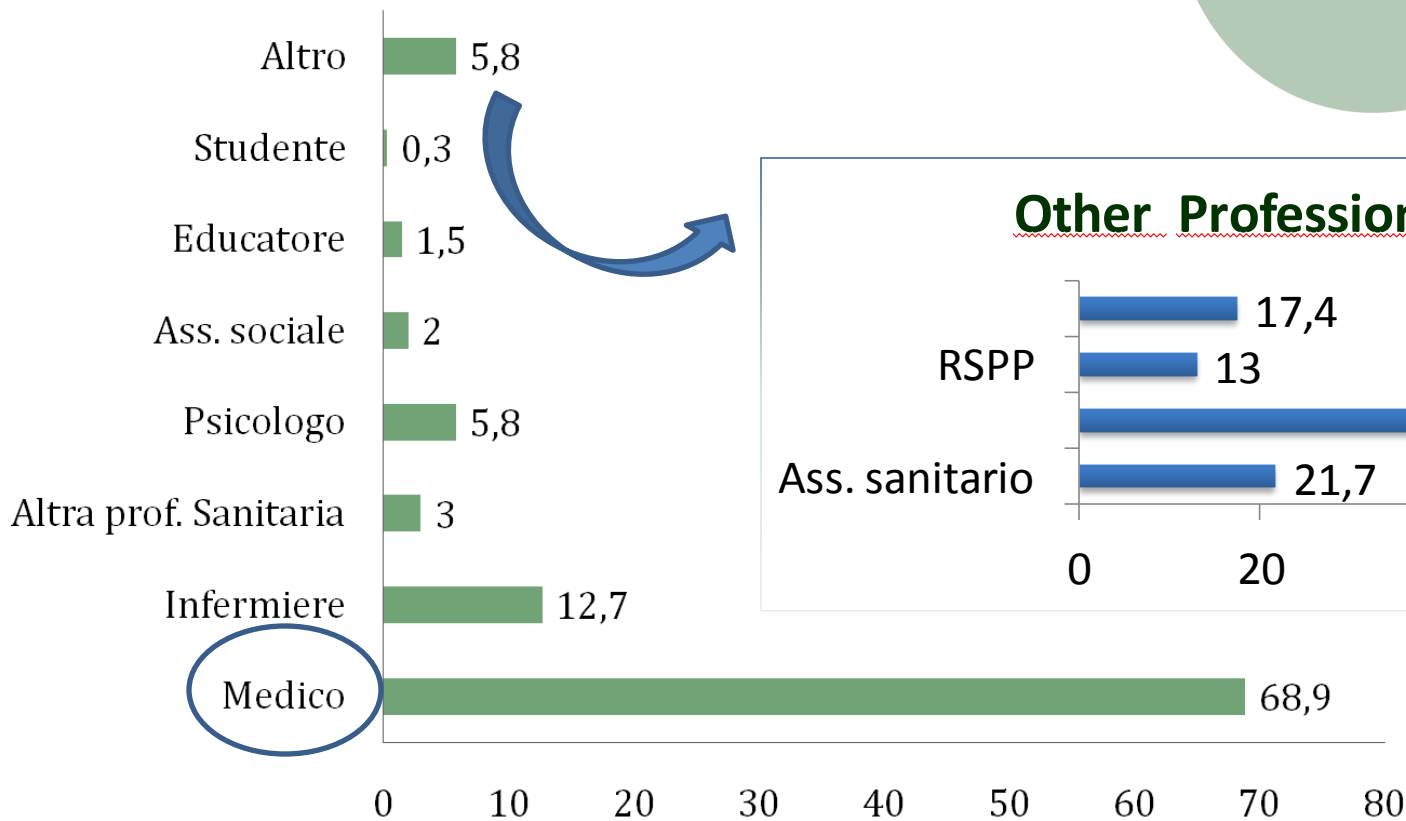
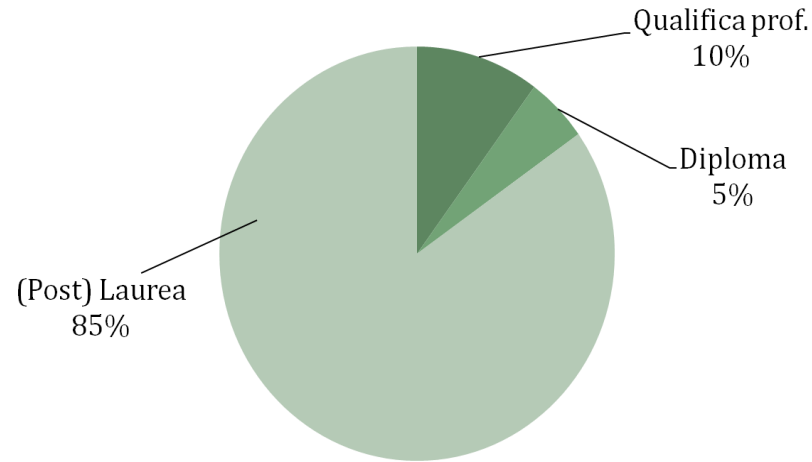
REGIONAL DESCRIPTIVE ANALYSIS

REGIONE	n	GENDER		AGE			
		M	F	< 29	30 - 50	51 - 60	> 60
Marche	27	41.2	58.8	0	58.8	35.3	0
Abruzzo	37	60	40	2.7	13.5	73.0	10.8
Puglia	37	76.2	27.8	2.8	33.3	52.8	2.8
Friuli V. G.	33	46.7	53.3	0	56.7	30	13.3
P.A. Trento	41	44.1	55.9	2.9	52.9	38.2	5.9
Calabria	40	51.4	48.6	0	16.2	75.7	8.1
Sicilia	29	67.9	32.1	0	7.1	71.4	21.4
Veneto	28	65.2	34.8	0	39.1	43.5	13
Liguria	27	34.6	65.4	0	53.8	42.3	0
Campania	29	50	50	0	46.7	50	3.3
Sardegna	34	57.6	42.4	0	36.4	54.5	9.1
Toscana	47	48.6	51.4	8.1	29.7	51.4	10.8
Lazio	29	33.3	66.7	0	40.7	55.6	0
Totale	438						

DESCRIPTIVE ANALYSIS NATIONAL SAMPLE

Profession

Education



WORK ON NATIONAL HEALTH SYSTEM Si = 80% No = 20 %

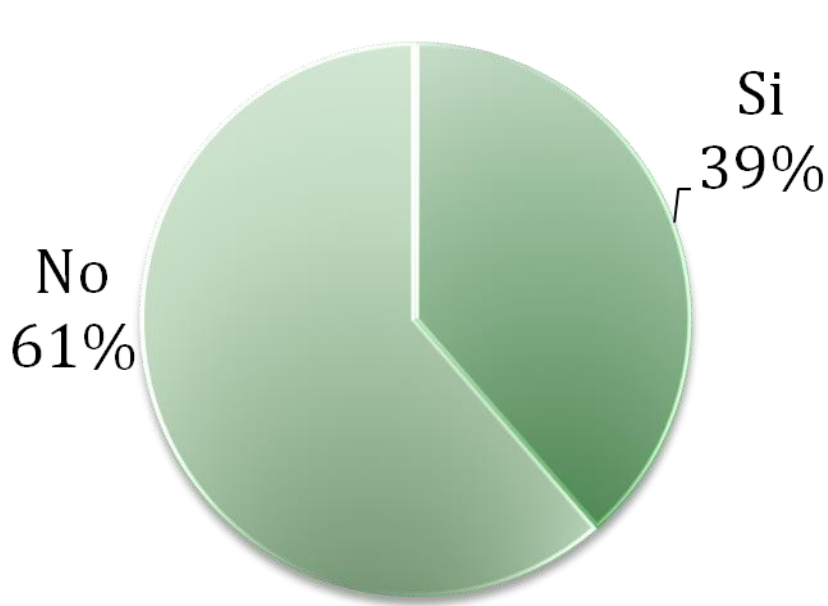
REGIONAL DESCRIPTIVE ANALYSIS

REGIONE	n	PROFESSIONE									
		Med	Inferm.	Altra prof.san	Psic	Ass. soc	Ed	OSS OSA	Op.social	Student	Altro
Marche	27	35.3	41.2	17.6	0	0	0	0	0	0	5.9
Abruzzo	37	80	0	0	14.3	2.9	0	0	0	0	2.9
Puglia	37	58.3	11.1	2.8	5.6	2.8	0	0	0	2.8	16.7
Friuli V. G.	33	70	10	10	10	0	0	0	0	0	0
P.A.Trento	41	52.9	44.1	2.9	0	0	0	0	0	0	0
Calabria	40	100	0	0	0	0	0	0	0	0	0
Sicilia	29	100	0	0	0	0	0	0	0	0	0
Veneto	28	100	0	0	0	0	0	0	0	0	0
Liguria	27	38.5	7.7	0	19.2	15.4	15.4	0	0	0	3.8
Campania	29	53.3	23.3	0	20	3.3	0	0	0	0	0
Sardegna	34	51.5	6.1	6.1	15.2	3	6.1	0	0	0	12.1
Toscana	47	78.4	10.8	2.7	0	0	0	0	0	0	8.1
Lazio	29	59.3	22.2	3.7	0	0	0	0	0	0	14.8
Totale	438										

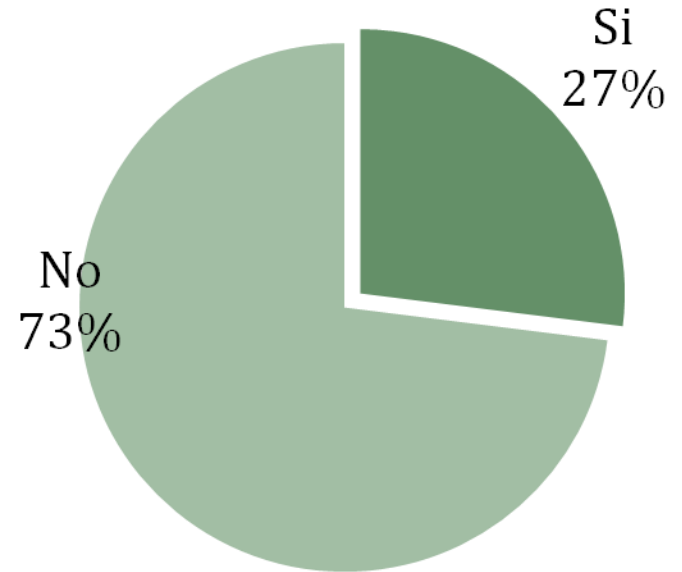
DESCRIPTIVE ANALYSIS

NATIONAL SAMPLE

Experiences and training on Alcohol



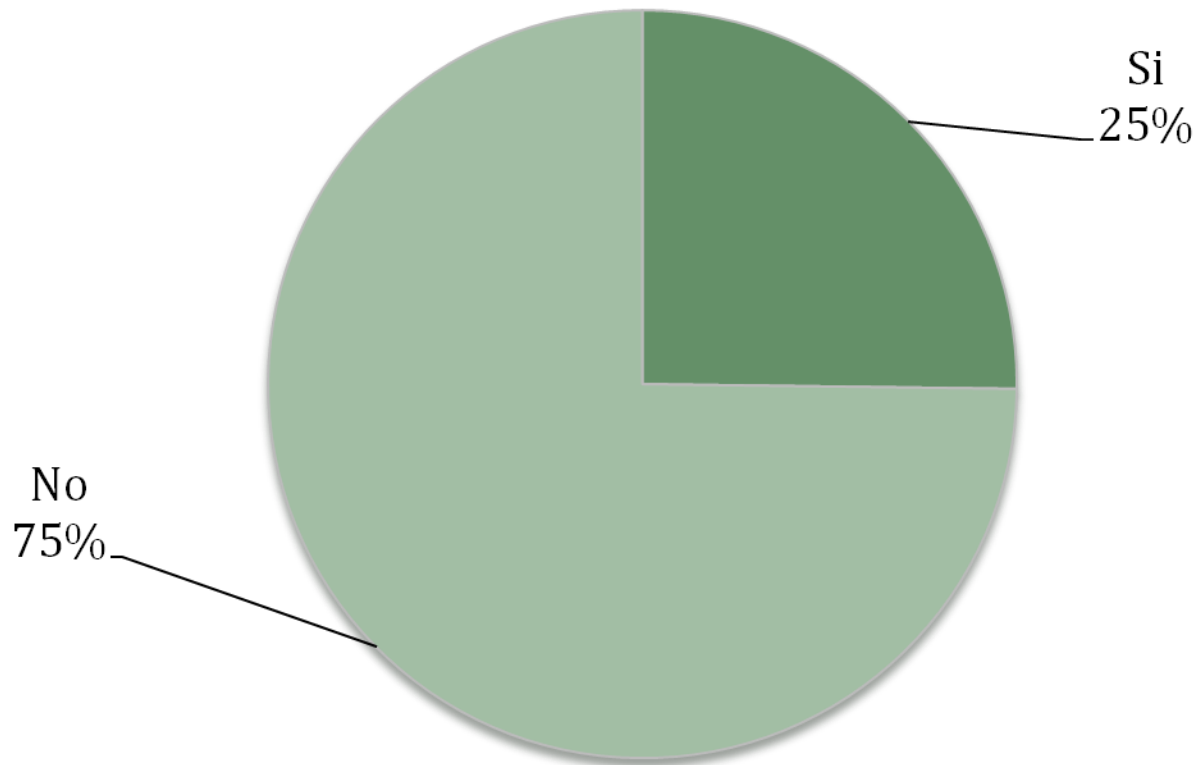
Have you had previous training in alcoholology?



Have you ever had to work in alcoholology?

DESCRIPTIVE ANALYSIS NATIONAL SAMPLE

Knowledge of Brief Intervention's methodology



REGIONAL DESCRIPTIVE ANALYSIS

REGIONE	n	LAVORO SSN		ESPERIENZE FORMATIVE		ESPERIENZE LAVORATIVE		CONOSCENZA IB	
		SI	NO	SI	NO	SI	NO	SI	NO
Marche	27	47.1	52.9	5.9	94.1	0	100	5.9	94.1
Abruzzo	37	88.2	11.8	40	60	44.1	55.9	21.2	78.8
Puglia	37	80.6	19.4	31.4	68.6	25	75	16.7	83.3
Friuli V. G.	33	63.3	36.7	56.7	43.3	13.3	86.7	32.1	67.9
P.A. Trento	41	58.8	41.2	30.3	69.7	21.1	78.8	21.9	78.1
Calabria	40	97.1	2.9	25.7	74.3	13.5	86.5	15.2	84.8
Sicilia	29	100	0	14.3	85.7	14.8	85.2	14.8	85.2
Veneto	28	72.7	27.3	50	50	19	81	36.4	63.6
Liguria	27	83.3	16.7	61.5	38.5	88.5	11.5	30.8	69.2
Campania	29	89.7	10.3	57.1	42.9	59.3	40.7	50	50
Sardegna	34	90.0	9.1	36.4	63.6	21.9	78.1	16.7	83.3
Toscana	47	70.3	29.7	45.7	54.3	8.1	91.9	41.7	58.3
Lazio	29	88.9	11.1	37	63	23.1	76.9	25.9	74.1
Totale	438								

DESCRIPTIVE ANALYSIS

NATIONAL SAMPLE

Motivation

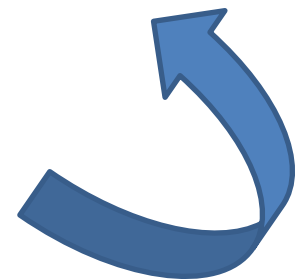
<i>Assign each item a score from 0 (min. motivation) to 5 (max motivation)</i>	N	MEDIANA	MEDIA	D.S.
Acquisition of knowledge, techniques, tools, methods	381	5	4.6	0.7
Continuing Educational Training	384	5	4.4	0.9
Credits	377	3	3.2	1.5
Personal motivations	363	3	3.1	1.6
Qualifica rilasciata dal corso	363	3	2.9	1.4
Curiosity	359	2	2.2	1.9
Request of the employer	359	1	1.5	1.8
Suggested by other people	354	0	1.2	1.5

DESCRIPTIVE ANALYSIS NATIONAL SAMPLE

<i>Assign each item a score from 0 (min. motivation) to 5 (max motivation)</i>	N	MEDIANA	MEDIA	D. S.
Meet the knowledge needs	377	5	4.4	0.9
Receive information on the alcohol phenomenon	372	5	4.4	0.9
Learn to use new methodologies	375	5	4.2	1.0
Know the alcohol problem	373	4	4.0	1.2
Explore topics of personal interest	371	4	3.8	1.2
Get Help	353	1	1.5	1.6

EXPECTATIONS

Get Help	N	%
0	156	44.2
1	40	11.3
2	51	14.4
3	61	17.3
4	27	7.6
5	18	5.1



DESCRIPTIVE ANALYSIS NATIONAL SAMPLE

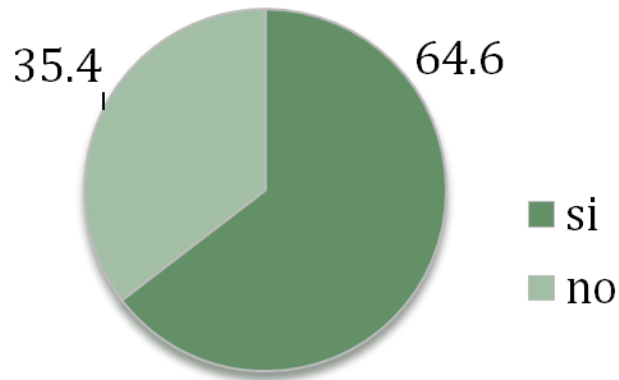
Pre – Test: Clinical activity

	N	MEDIA	D. S.
How many patients you care in a day?	175	12.5	12.3
How often patients come to your office/ clinic/department? (units per month)	149	5.9	8.5

**Responded
less than half of the participants**

DESCRIPTIVE ANALYSIS

Post – Test: Work contest



Presence in the medical record of indicators on PPAC

REGION	N	CLINICAL INDICATORS ON PPAC	
		YES	NO
Marche	27	21.4	71.4
Abruzzo	37	60	40
Puglia	37	60	40
Friuli V. G.	33	59.4	40.6
P.A. Trento	41	69.7	30.3
Calabria	40	58.8	41.2
Sicilia	29	56.5	43.5
Veneto	28	75	25
Liguria	27	76	24
Campania	29	85.7	14.3
Sardegna	34	62.5	37.5
Toscana	47	83.3	16.7
Lazio	29	52.4	47.6
Totale	438		

REGIONAL CHANGE'S ANALYSIS

- A significant increase in knowledge / expertise on the topics covered in each Region at the end of training.
- Critical tool: items to be reformulated

DESCRIPTIVE ANALYSIS

Post – Test: Knowledge about Brief Intervention

<i>Assign each item a score from 0 (min. motivation) to 5 (max motivation)</i>	N.	MEDIANA	MEDIA	D.S.
ASK	363	8	7.9	1.7
ASSESS	361	8	8.0	1.7
ADVISE	360	8	8.2	1.7
ASSIST	361	8	7.5	1.9
ARRANGE	361	8	7.3	2.0

•
Still difficulties in the “arrange area”

DESCRIPTIVE ANALYSIS

Post – Test: Prediction of use EIBI

<i>Assign each item a score from 0 (min. motivation) to 5 (max motivation)</i>	N	MEDIANA	MEDIA	D.S.
I think the tool will be very useful in my profession	356	8	7.8	2.1
I think to have the ability to use the tool in my outpatient	354	8	7.3	2.5
I think to have enough reasons to use EIBI in my profession	357	8	7.8	2.2

SATISFACTION

REGION	n	Media	DS
Marche	18	9.1	0.8
Abruzzo	25	7.7	1.6
Puglia	25	7.7	1.6
Friuli V. G.	25	8.8	1.1
P.A. Trento	27	8.4	1.5
Calabria	31	8.9	1.1
Sicilia	20	8.3	1.7
Veneto	16	8.9	1.1
Liguria	30	7.7	1.9
Campania	32	8.7	1.7
Sardegna	25	8.8	1.1
Toscana	31	8.9	1.3
Lazio	20	9.1	1.0

M nazionale = 8.6 DS = 1.5

CONCLUSIONS

1. The project involved about **450 workers** throughout the country who may continue to disseminate and implement the tools provided by the courses structured according to the methodology of **training of trainers**.
2. Participated **equally in men and women**, especially between 50 and 60 years, but there were also young people <29.
3. Most of the participants are **doctors working within the NHS** without previous experience or training or working in alcoholology.
4. An analysis of the motivations and expectations expressed by the participants shows a **broad training needs on PPAC** both from the point of view of theoretical knowledge and practical.
5. Almost **75%** of the participants at the beginning of the course **does not know the methodology EIBI**.
6. About **35%** of participants in their clinical activity are **not used to investigate the consumption of alcohol**.
7. Campania region is the most expert in PPAC, Marche that less experienced but more satisfied and motivated to continue: 3 more courses were carried out after the first.

CONCLUSIONS

8. The courses have produced a **significant increase in knowledge** and skills in particular as regards the methodology IPIB
9. The courses have met the **expectations** of the participants for training aspects.
10. The participants believe that **they can use in their professional practice the tools provided by the courses (AUDIT-C in medical record)**
11. The training has **helped changing the activities** of the national project in professionals working in institutional framework of the regional territories.
12. The courses have also encouraged the exchange and sharing of **best practices for the prevention of risks related to the consumption of alcoholic beverages in the workplace.**
13. The participants underline the need to establish **national guidelines** for the assessment and management of these risks, given the lack of harmony and integration of the rules governing the matter.

CRITICAL AND PROPOSALS

- Difficulty by Prevention in Workplaces Services to involve physicians in the workplaces free professionals.
- Uncertainty of the rules currently governing the matter in Italy and the lack of financial resources.
- To further evaluate the effectiveness of this intervention would be desirable to provide a follow-up control, to verify the actual use of the tools by the professionals.
- Need to follow up.

This is the way...





Centro Alcológico Regionale Toscano

Azienda Ospedaliero-Universitaria Careggi

Tel/fax 055.7949650

cartoscana@alcolonline.it

www.alcolonline.it

Thank you for attention

Ilaria Londi

ilaria.londi@alcolonline.it

+ 39.3281539198

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