



Promotion of healthy habits through a participatory action research process whose main element is physical activity

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Introduction

REVIEW PAPER

Health promotion as multi-professional and multi-disciplinary work

Anastasios Tzenalis, RN, Msc, PhD(c),



"Health promoters have long recognized the **potential role of working together** despite the barriers that can arise. The logic is indisputable: if health is more than the absence or treatment of disease, then its promotion and maintenance **lie beyond the remit of any one professional group or sector**".

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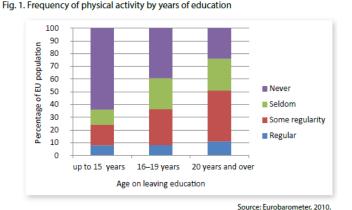
Introduction

There is a global problem today with respect to practicing physical activity (PA), **especially in populations with underprivileged socio-economic, cultural and educational** levels.

PHYSICAL ACTIVITY PROMOTION IN SOCIALLY DISADVANTAGED GROUPS: PRINCIPLES FOR ACTION



Policy summary



Education

Gender

Income

Ethnicity

Religion



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"Pio se mueve"





"Pio keeps moving"













Aim of the study

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"To promote a shift towards a healthier lifestyle and habits in a group of low socio-economic status women through **physical activity**".













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1st year: 2016-2017

Participatory research-action process

2nd year: 2017-2018

Doctor

Teachers

Social worker

CAPAS-city researchers

Nutritionist

Women of the study

Active contribution to the design and revision of the intervention programme based on their needs and demands.













Introduction

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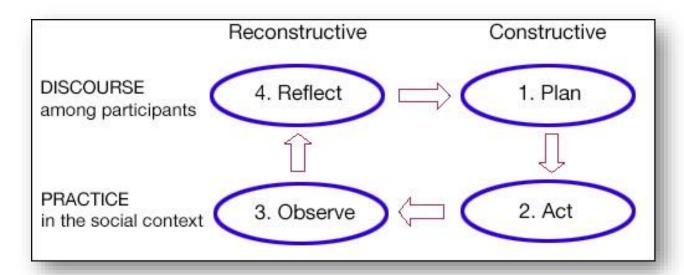
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Specific meetings

Three discussion groups per year

Common meetings













PA is a key element of the programme when addressing the modification of other <u>healthy</u> habit-related <u>behaviours</u> (González, Bobadilla, Castro, Osorio y Roco, 2013).

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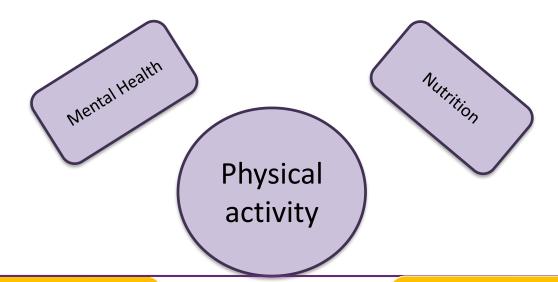
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Participatory research-action process

All different agents













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Kitchen workshop

Nutrition chats

Active healthy shopping













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Mental health chats

Affective parental chats













1. Weekly physical activities



3. Awareness/educative chats





2. Familiar physical activities



4. Social media and "marketing"

Para que practiques...







Posición: De rodillas, espalda recta y brazos estirados hacia delante.

Realización: Flexiona los brazos hacia atrás, llevando el pecho ligeramente hacia delante





Method of research

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PARTICIPANTS

13 adult gypsy women

Aged 26 to 56

Quantitative techniques

Accelerometry

Personal interviews



Qualitative techniques

Personal interviews

Discussion groups

Logbook













Preliminary results

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"Positive effects are shown throughout the programme such as the high level of commitment and participation in the programme activities"



"I have never seen such implication of this population in my twenty-five years of career. I cannot believe it" (Social worker)













Quantitative analysis

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Global week

	Moderate activity		Vigorous activity	
	M(SD)	Z	M(SD)	d
Pre-test	61.58(25.16)	68	.40(.46)	-2.67
Post-test	56.30(12.16)	p=.50	4.17(3.14)	p=.008

Effect size=-.63















Weekdays

Effect size=-.63

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	Moderate activity		Vigorous activity	
	M(SD)	Z	M(SD)	d
Pre-test	71.05(29.77)	-1.54	.46(.55)	-2.52
Post-test	58.28 (14.48)	p=.12	4.00(3.01)	p=.012

Intervention weekdays

	Moderate activity		Vigorous activity	
	M(SD)	Z	M(SD)	d
Pre-test	56.22(15.69)	68	.07(.20)	-2.52
Post-test	51.23(22.70)	p=.49	4.41(3.86)	p=.012













Effect size=-.63

Weekend days

	Moderate activity		Vigorous activity	
	M(SD)	Z	M(SD)	d
Pre-test	34.29(22.14)	98	.23(.45)	-2.52
Post-test	55.17(28.18)	p=.33	4.71(4.02)	p=.012

Non- Intervention weekdays

	Moderate activity		Vigorous activity	
	M(SD)	Z	M(SD)	d
Pre-test	65.95 (33.94)	560	.51(.67)	-2.37
Post-test	66.29(20.50)	p=.58	3.86(2.69)	p=.018



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Qualitative analysis

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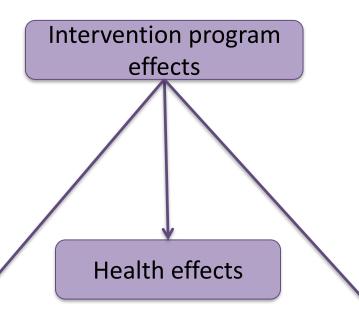
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Support of basic psychological needs

Awareness about the importance of the program













QA: Health effects

•"I have reduced my stress a lot, I already don't take pills either, I only take one for my nerves, up to seven that I took before".

•"So I feel like going out, walking, before I was a couch potato on the sofa without moving from the sofa".

QA: Support of Basic Psychological needs

Perception of competence:

"Before it was more tough. And now, even if I get tired, I know that I am able to face up to that fatigue".

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Main conclusion

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Positive effects are shown throughout the programme such as higher levels of vigorous activity, greater consciousness about the importance of PA and apparently higher levels of empowerment in the global population of study.















"It's 18 years since I went out for dinner with friends last time"

Relatedness
Competence
Participation
Empowerment











"The application of a healthy habit modification programme in this type of population requires a slower activity pace. It is essential to involve the study participants in the design process"



"Promotion of healthy habits through a participatory action research process whose main element is physical activity"







Proyecto cofinanciado por el FEDER







