Characteristics of participants to 'Start to Run' programme Comparison between maintenance and drop out groups

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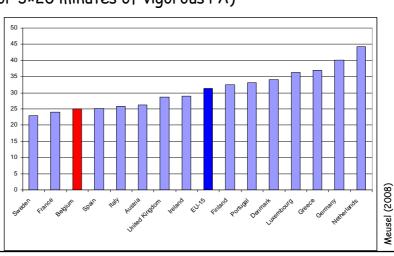
ICSEMIS 2012 Sport... Inspiring a Learning Legacy Glasgow - July 19-24, 2012

Université de L'ège



Introduction Physical activity in Europe

 ♦ % of active people (5×30 minutes of moderate PA or 3×20 minutes of vigorous PA)



Introduction Actions against sedentariness

- ◆ In 92', the European Council proposed a PE-Sport charter emphasizing the key position of PA in the society
- ◆ The 96's Report of the Surgeon General (US): First strong emphasis about the need of a fight against low level of PA
- ◆ Since that time, WHO underlines many times the priority to provide to PA promotion all over the world



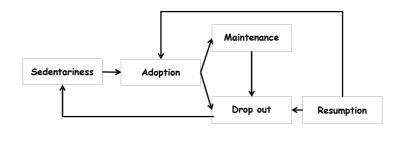
Introduction Adoption of an active lifestyle

- At the centre of a complex context justifying a multisectorial approach
- ◆ Ecological model
 - * Booth et al. (2000)
 - * Sallis et al. (2006)
 - Edwards & Tsouros (2006)



Introduction Adoption of an active lifestyle

- Modifying a behaviour is a dynamic process
- ◆ Several steps in a spiral evolution
 - * Procharska et al. (1994)
 - * Sallis et Hovel (1990)

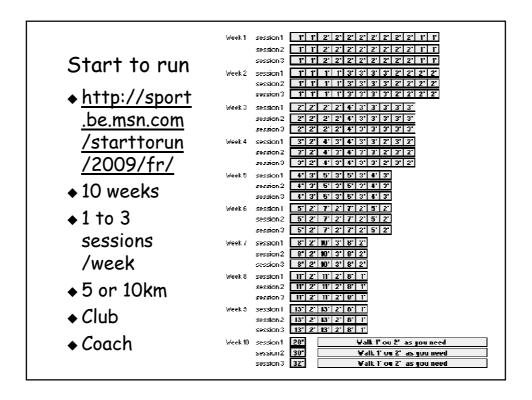


Introduction Adoption of an active lifestyle

- ♦ An increasing number of projects aims to encourage people to start (again) PA
 - * Walking, biking, swimming ...
 - * Most traditional activity = running
 - Need of support = associations proposing progressive programs

'Start to run'
'Je cours pour ma forme'
'Running network'





Factors that influence the success of such projects

- ◆ Scanlan et al. (1993)
 - Pleasure, personal involvement, expected benefits, social support
- Vallerand & Losier (1999)
 - * Teaching process among social factors



Goals of the study

- To identify the general profile of the people who are beginning a running programme
- ◆ To compare the profile of the people who are finishing the programme and of those who do not



Methods

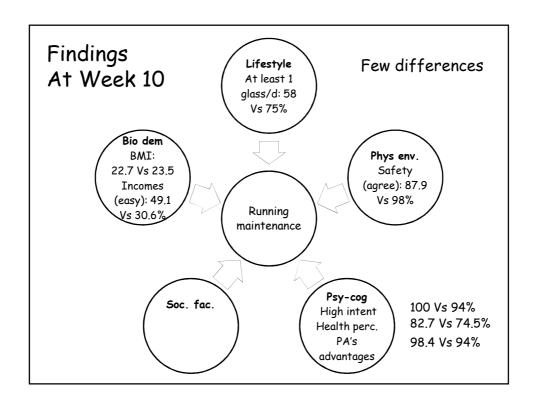
- ◆ Autumn session (2010)
- ◆ 20 out of 26 communities of Wallonia (French speaking part of Belgium) proposing STR
- At Week O
 - Questionnaire: Lifestyle, physical environment, psycho-cognitive factors, social factors, bio demographic factors
 - * Closed ended questions, Lickert scales
 - Validation + pilot study
 - * 229 subjects attending to the first lesson

Methods

- ♦ At Week 10
 - * Questionnaire
 - * 128 maintenance
 - ⋄ 52 drop out
 - * 49 lost
- ◆ At Week 22
 - * Questionnaire
 - * 37 maintenance
 - * 17 drop out
 - * 74 lost
- ◆ Data processing⋄ Statistica 8.0

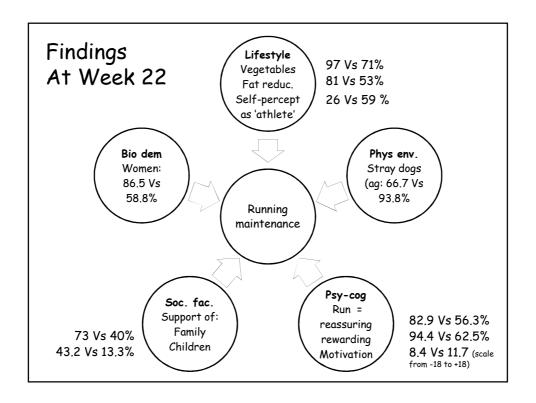
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Findings General profile of the participants (Week 0)	
Bio demographic factors	Woman, forty years, in couple, normal BMI, perception of high caverage income, teacher or official
Lifestyle	No smoker, drinking occasionally alcohol, good nutritional habited few physical activity experience, self-perception as low or no sports, low or no experience of running
Perception of the physical environment	Fairly positive perception of their environment
Perception of the social environment	Perception of a social encouragement from friends and family, support from friends and social contacts
Psycho-cognitive factors	Moderately high perceptions of free time and family burden, hig perceived behavioral control but perception of running a moderately easy, high intention and positive attitude towar running, high self-efficacy, intrinsic motivation, relatively goo perceived state of health, knowledge of health recommendation fairly close to reality, positive beliefs about the impact of physical activity on health, little attention to social norms



Discussion W 10

- ◆ BMI (lower in MG)
 - * Strongly linked to PA (Sherwood & Jeffrey, 2000)
 - * Several injuries in DG \rightarrow need of special care from the coaches
- ◆ Incomes (higher in MG)
 - * Like in the literature (Boutelle et al., 2004)
- ◆ Alcohol consumption (lower in MG)
 - * Low (1.2 Vs 1.8 glass/d)
- ◆ Safety environment (lower in MG)
 - Not directly linked to the place where they are running



Discussion W 22

- ♦ Women better maintain
 - Men in minority → not really integrated in level's groups
- ◆ Attention to alimentation (higher in MG)
 - Running seems integrated into an overall interest for a healthy lifestyle (ISSP, 2004)
- ◆ Self-perception as an 'athlete' and motivation
 - Negatively linked to maintenance
 - Highest performers would be interested by other activities (higher requirements, other context)

Discussion W 22

- ◆ Social support (higher in MG)
 - At the end of the programme, group effect tends to disappear → need of other supports (Litt et al., 2002)
- ◆ Representations about running (higher in MG)
 - * Reassuring, rewarding
 - * Role of attitude (Sallis et al. 1996)

Findings

- ◆ Limitations
 - * 40% of the DG subjects were injured
 - They would have been active without this situation
 - * No control of the external factors (coaching process, inter-participants' relationships ...)
 - * Risk of social desirability
 - Amount of the fees (means of 32.5€)







Conclusion

- ◆ Effective physical activity resumption seems to be linked to a general health climate without overestimation of one's competences and expectations
- ◆ Instructors should improve more the participants' safety as well as focus more on motivational aspects than on performance itself (coaches as educators and motivators)
- They should emphasize more the positive effects of PA and offer other opportunities to their participants (coaches as counsellors)





Thank you for your attention







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