

THE 73° GENERAL ASSEMBLY AND INTERNATIONAL SCIENTIFIC CONGRESS OF THE WORLD FEDERATION OF HYDROTHERAPY AND CLIMATOTHERAPY (FEMTEC)



Exercise for wellbeing: the role of thermal and outdoor natural settings to translate evidence into - Giapraiette erati -













THE THERAPEUTIC WINDOW and CHRONIC PATHOLOGIES and FRAILTY





PRELIMINARY TESTING









	Supervisio n	Further investigations
LOW RISK	None	for intense exercise? No
MODERATE RISK	Professional	Yes
HIGH RISK	Clinic	Yes











Exercising in natural environments is associated with greater positive engagement compared with exercising indoors [Thompson et al., 2011] and also with greater exercise adherence

Thompson Coon J, Boddy K, Stein K, Whear R, Barton J, Depledge MH. Does participating in physical activity in outdoor natural environments have a greater effect on physical and mental wellbeing than physical activity indoors? a systematic review. Environ Sci Technol. 2011;45:1761-72.

Friedenreich CM, MacLaughlin S, Neilson HK, Stanczyk FZ, Yasui Y, Duha A, Lynch BM, Kallal C, Courneya KS. Study design and methods for the breast cancer and exercise trial in Alberta (BETA). BMC Cancer. 2014;14:919.

PROMOVE PROXIMITY BETWEEN ENVIRONMENT AND PATIENT!





OUTDOOR activity? SPA activity?







FOREST BATHING





NORDIC WALKING

ORIENTEERING





...And SPA ENVIRONMENTS



YOGA



TAI CHI



[Boniello, Merati et al, 2014]



GYM

POOL



[Merati et al, 2014]





A Mobile Application for Exercise Intervention in People Living with HIV



[Bonato, Merati et al. MSSE, 2020]





Exercise must be implemented in the routine of everyday life, becoming a new lifestyle.

SPA and outdoor environments may be the "new attractors" for the proposal of structured exercise plans to the general population, to be then continued at home.







A good 70% of what we consider «normal» aging t is actually the result of physical inactivity.



[McKelvey, Evans. American Council of Exercise, 2012]

