











A virtual community of practice (vCoP) for the empowerment of people with ischemic heart (IHD) disease: Co-design of the vCoP with IHD patients and healthcare professionals. (e-mpodera² project)

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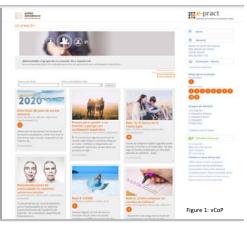
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BACKGROUND

Ischemic heart disease (IHD) is the major cause of premature death among population in Europe. From those who survive, around 20% suffer a secondary cardiovascular event in the first year. Therefore, secondary prevention actions of IHD seem a complex and challenging opportunity to facilitate recovery. In this context, patient empowerment has been recognized as a key factor in improving health outcomes by adopting more preventive behaviors, such as choosing a healthy diet, doing regular physical exercise, achieving better adherence to treatment and improving overall

Virtual Communities of Practices (vCoP), based on the idea of collaborative learning, offer people with a common problem or interest the possibility to interact and share resources, experience and knowledge, strengthen relationships and motivate participants for their empowerment. The e-mpodera² project, in its starting phase, aims at the co-design process of a gamified vCoP for the empowerment of people with IHD. (Figure 1)



PARTICIPANTS AND SETTINGS:

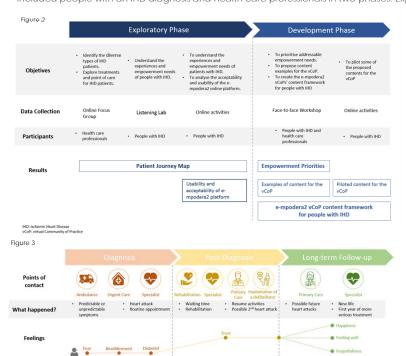
- People with diagnosis of IHD attending at least one of the two face-to-face meetings and participating in an online group; With Internet or Smartphone and willing to use Facebook, WhatsApp, Telegram or Email during participation
- Health care professionals (general practitioners, practice nurses, cardiologists and researchers specialized in patient empowerment.

The study was carried out in 3 Spanish regions: Catalonia, Madrid and Canary Islands. (Table 1)

Online workshop Profe People with IHD professionlas) (3 GP; 1CD; 2 2 (1GP; 1 CD) Canary Islands Total 10 Total 25

METHOD

We used a modified experience-based design approach for co-designing the "e-mpodera2" vCoP intervention. Co-creation process included people with an IHD diagnosis and health care professionals in two phases: Exploratory and Development (Figure 2)



- Iwenty-five people with IHD and 10 health care professionals participated.

 Experiences and needs for empowerment in IHD were identified in the exploratory phase, allowing the development of a Patient Journey Map, that helped to easily visualize empowerment needs and barriers of people with IHD (Figure 3).



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