## *Interview for carers of asthma patients*

**Participant ID Code: _____**

1. Classifying information
    a. Age of the person you have taken (took) care of:

    b. His/her gender:

    c. How long have you been taking (did you take) care of a person suffering from asthma?

    d. Severity of his/her asthma:

    e. Which are his/her allergies?
       [Triggers - internal or external factors - provoking your asthma attacks (exacerbations)]

    f. Which are his/her symptoms?

    g. Which are the practices you consider as good (effective) to manage his/her condition?

    h. Which are the practices you consider as bad to manage his/her condition?

2. Application of context-awareness to support asthma management
    a. Explanation of context-awareness
    b. Do you think context-awareness can be used to support asthma management?

    c. How do you think context-awareness solutions can help you to manage his/her condition?

    d. What do you think a mobile application tracking your indicators should do to help him/her to manage his/her condition?
       [Which services/functionalities offered by a solution tracking your indicators do you think can be useful to help him/her to manage his/her condition?]

    e. Which are the indicators you think should be tracked to help him/her to manage his/her condition?
       [Use example of diabetes: blood glucose level]

    f. Who do you think should have access to this information (indicators)?

3. Application of Virtual Assistance (VA) awareness to support asthma management
    a. Explanation of VA.
    b. Do you think VA can be used to improve asthma management?

    c. How do you think VA can be used to improve asthma management?

    d. In which situations do you think VA can be useful to support a patient's asthma management?
       [What would you ask to a VA in order to improve the management of his/her asthma?]
       [What would you like a VA to say (without asking anything) in order to improve the management of his/her asthma]

4. Notification component
    a. Explanation of the concept of notification component
    b. Which notifications would you like to receive from a technological solution tracking his/her indicators?

    c. Which notifications should a technological tracking his/her indicators send to his/her carers?

    d. Which people/institutions do you think should be included as recipients of notifications?

    e. Which notifications would you like send to these people/institutions?

    f. Who do you think are the main stakeholders in his/her asthma management process? Why do you consider them as stakeholders?

    g. In case of an imminent asthma attack or respiratory arrest, who do you think should be contacted? Please, describe the role of the person/organization you think should be contacted and explain which information you would send them.

5. Other questions
    a. How do you think carers would benefit from using this type of technology?




    b. Which negative effects do you think a solution tracking indicators of asthma patients may bring?




    c. Which negative effects do you think a solution implementing VA to support asthma management may bring?