

# Introduction to Genie

**Dr Ivo Vassilev**

Senior Research Fellow, Faculty of Health Sciences  
Core senior researcher, theory and methodology

**Professor Anne Kennedy**

Honorary Professorial Research Fellow



The Genie research team

- What is GENIE?
  - GENIE for Users
  - GENIE for Facilitators
  - GENIE for Commissioners
- How does GENIE work?
- Does it work? Evidence of effectiveness.
- Who is GENIE for?



## GENIE Questionnaire

### General Information about you

Click 'Next Question' once you have completed this page.

Postcode

We need this to find services near you.

Name

Optional.

Email

Optional. If you give your email address, we'll save your answers and email you a login so you won't need to take the questionnaire again. If you do not have an email address, you can create one by [clicking here](#).

### Please select your gender:

Male  Female

### Please select your age range:

18-24  25-40  41-55  56-65  66+

### Do you have any of the following health conditions?

(Click all that are appropriate to you.)

- Mental health problems
- Other health conditions  Diabetes
- Heart Problems  Arthritis  Stroke
- Kidney Problems  COPD

I agree that my Genie facilitator can have access to the information I provide in Genie.

I agree that the information I provide in Genie can be anonymised, added to the information provided by other Genie users, and made publicly available for research and information purposes.

Next page 



GENIE Questionnaire

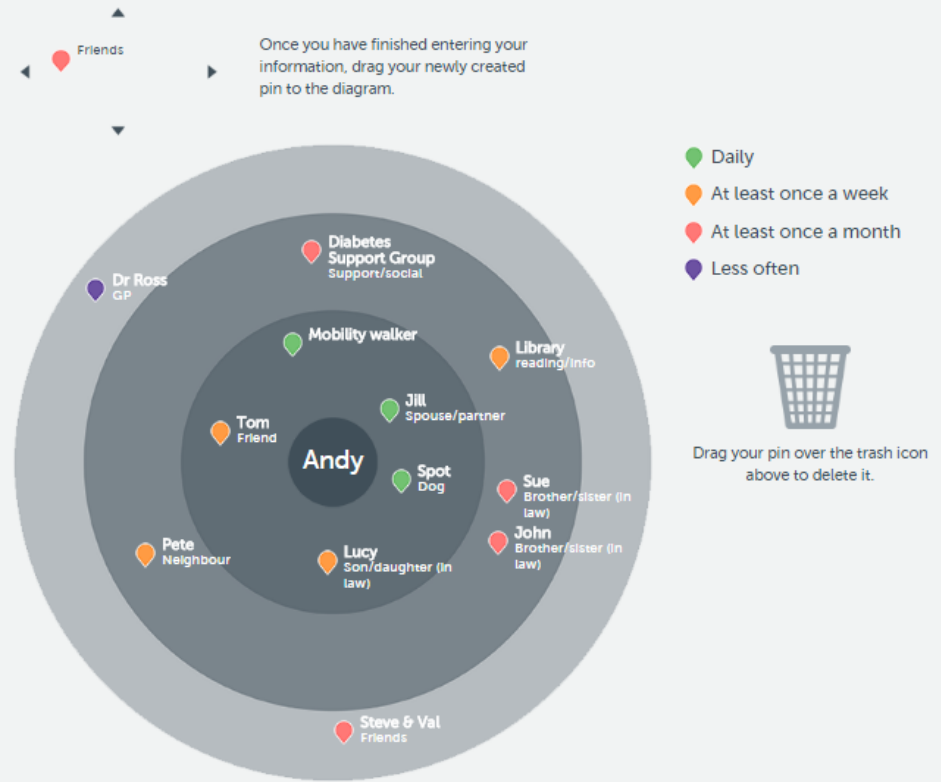
My Network

Please tell us about your network of friends, family and others you're in contact with, to help us supply you with the most useful results. For an example click here.

At least once a month
Friend
Other

Their name, or just a nickname if you prefer.
 How often are you in contact with them?
 What type of relationship do they have to you
 Who are they?

Friends





## GENIE Questionnaire

Question 2 / 13

I would like to know more about social activities

No, I am not interested  Yes, I might be interested  Yes, I am definitely interested

I am interested in the following things

Social clubs

My network members who may be relevant (please tick as appropriate)

Dr Ross:  Social clubs

Pete:  Social clubs

Tom:  Social clubs

Library:  Social clubs

Mobility walker:  Social clubs

Jill:  Social clubs

Spot:  Social clubs

Lucy:  Social clubs

Sue:  Social clubs

John:  Social clubs

Diabetes Support Group:  Social clubs

Steve & Val:  Social clubs

**Social clubs** may be linked to sports or cultural activities. Examples could include activities that you can enjoy with other people such as friendship groups, coffee mornings or church groups. Find one that is comfortable for you.

[◀ Previous page](#)

[Next page ▶](#)

[My Top Results](#)
[Weight management](#)
[Fitness and exercise classes](#)
[Swimming](#)
[Walking and outdoor activities](#)
[Social clubs](#)

[Financial and benefits advice](#)
[Volunteering opportunities](#)
[Diabetes](#)
[COPD](#)

[Print Your results](#)

[My Top Results](#)
[My Favourites](#)

**Health**

- A Pilates - Weight management**  
 Favourite This [Read More](#)  
 ❤️ Jill + John + Tom like this
- B Yoga - Weight management**  
 Favourite This [Read More](#)  
 ❤️ Jill + John + Tom like this
- C Yoga - General Yoga - Beginner/Intermediate - Weight management**  
 Favourite This [Read More](#)  
 ❤️ Jill + John + Tom like this
- D Yoga - Gentle and Therapeutic - Beginner/Intermediate - Weight management**  
 Favourite This [Read More](#)  
 ❤️ Jill + John + Tom like this
- E Petanque League IW - Weight management**  
 Favourite This [Read More](#)  
 ❤️ Jill + John + Tom like this
- F Fit 2 Relax - Fitness and exercise classes**  
 Favourite This [Read More](#)  
 ❤️ John likes this

**Show Results Within:** 1 Mile ● 2 Miles ● 5 Miles ● 10 Miles ●

Google Map data ©2016 Google 200 m Terms of Use Report a map error

Click on the categories above if you would like to filter your search

 [Print Your results](#)

### Activities

 **Knit & Natter** - Arts and crafts  
*Favourite This* 

### When?

Weds 5.00 - 7pm

### Where?

.101 George Street, Ryde, PO33 2JE  
 [Street view](#)

### Contact

**Tel:**  
**Web:** <https://youtu.be/IO7RFu4Y8Cs>

### Info

**Wed 5:00 PM 7 PM (Every four weeks - pick up dates in the library)**

### Ryde Library

Come along to Knit and Natter! Suitable for all ages and abilities, this group takes place once a month on a Wednesday evening. This event is free and refreshments are provided. Please note, this is not a tuition group - bring your knitting and chat with others!

**Indoors or Outdoors:** Indoors

**Event Type:** Miscellaneous

**Intended Audience:** All

**Disabled Facilities:** Toilets, Wheelchair Access

**Charges:** Free of Charge

### Video

[Knit & Natter Ryde](#)

[Snapshot](#)

[Groups own film](#)

[Vimeo link](#)

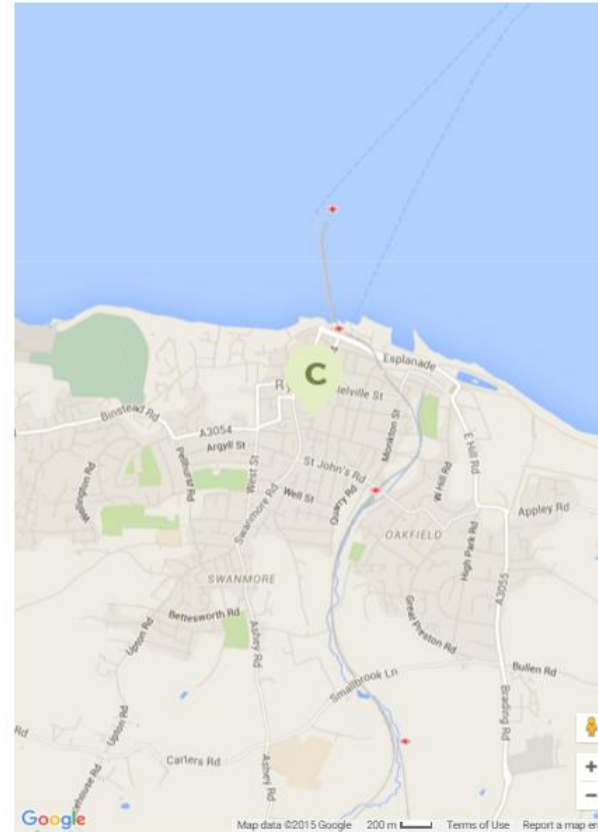


[Groups own filming](#)



po33 

Show Results Within: 1 Mile  2 Miles  5 Miles  10 Miles

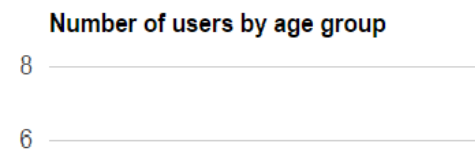
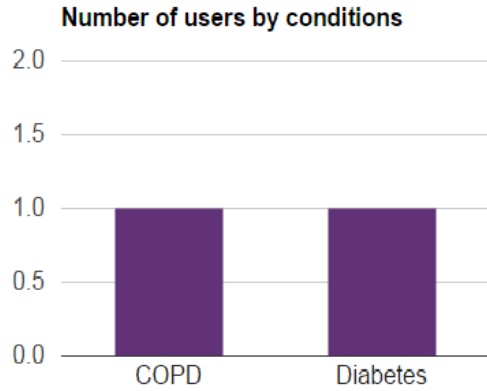


**Users' list**

You are linked to the following users:

- Jane Doe
- John Doe
- Nick

**User's Statistic**

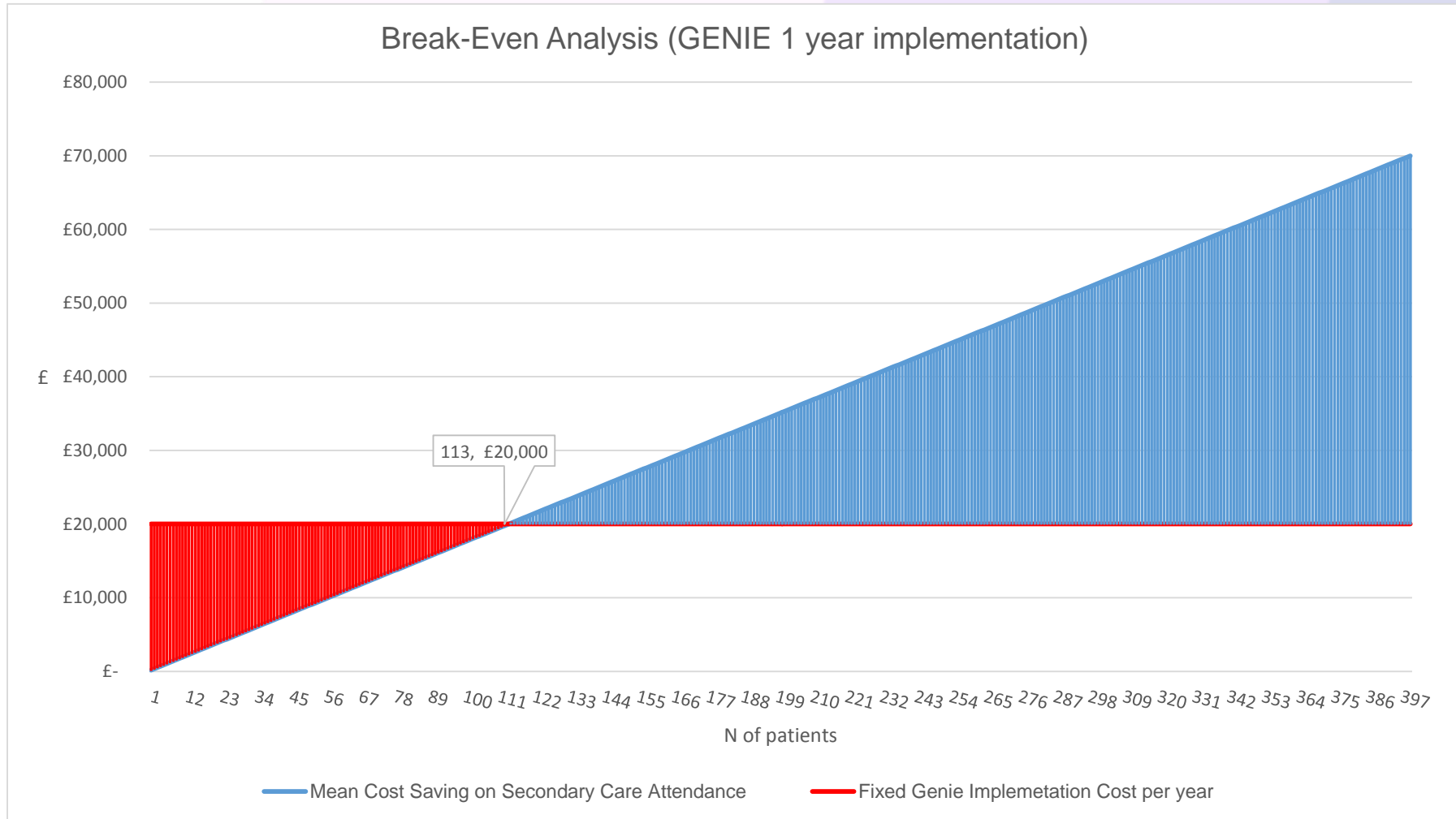






# Commissioners view (insert here)

# Is GENIE Cost-effective?



# How Does GENIE work?

- Key to success are:
  - the **visual** maps of networks and support options;
  - **Guided help** to assist engagement and constructive discussion of support and preferences for activities;
  - a **reliable database**, tailored preferences, option reduction for ease of use.

# GENIE outcomes?

## **Network engagement**

- Improved awareness
- Improved engagement
- Reduced burden on network members

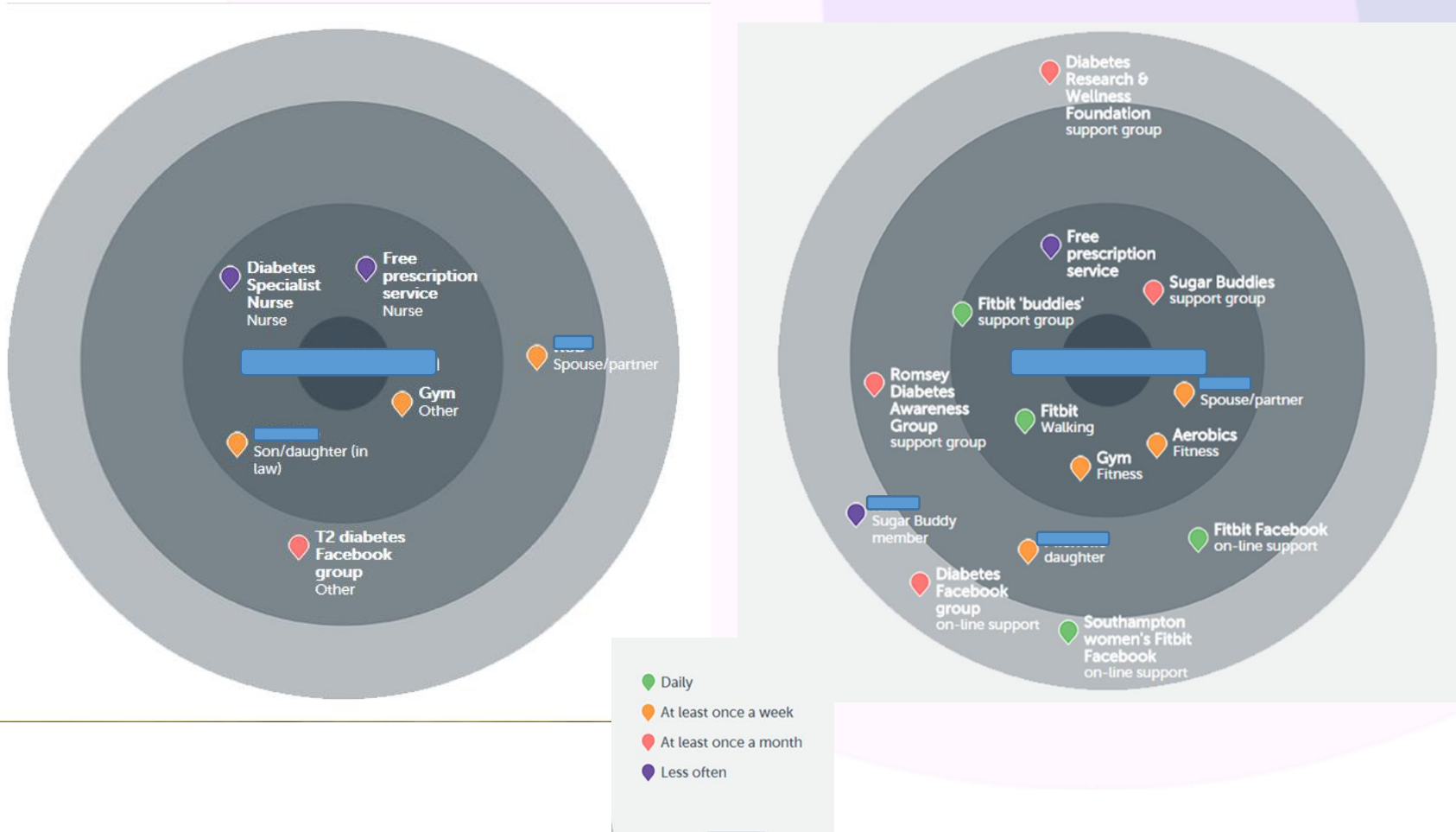
## **Extending network**

- Re-engage with contacts and activities
- Link to new activities
- Start using new tools or devices

## **Health outcomes**

# Time 1 GENIE

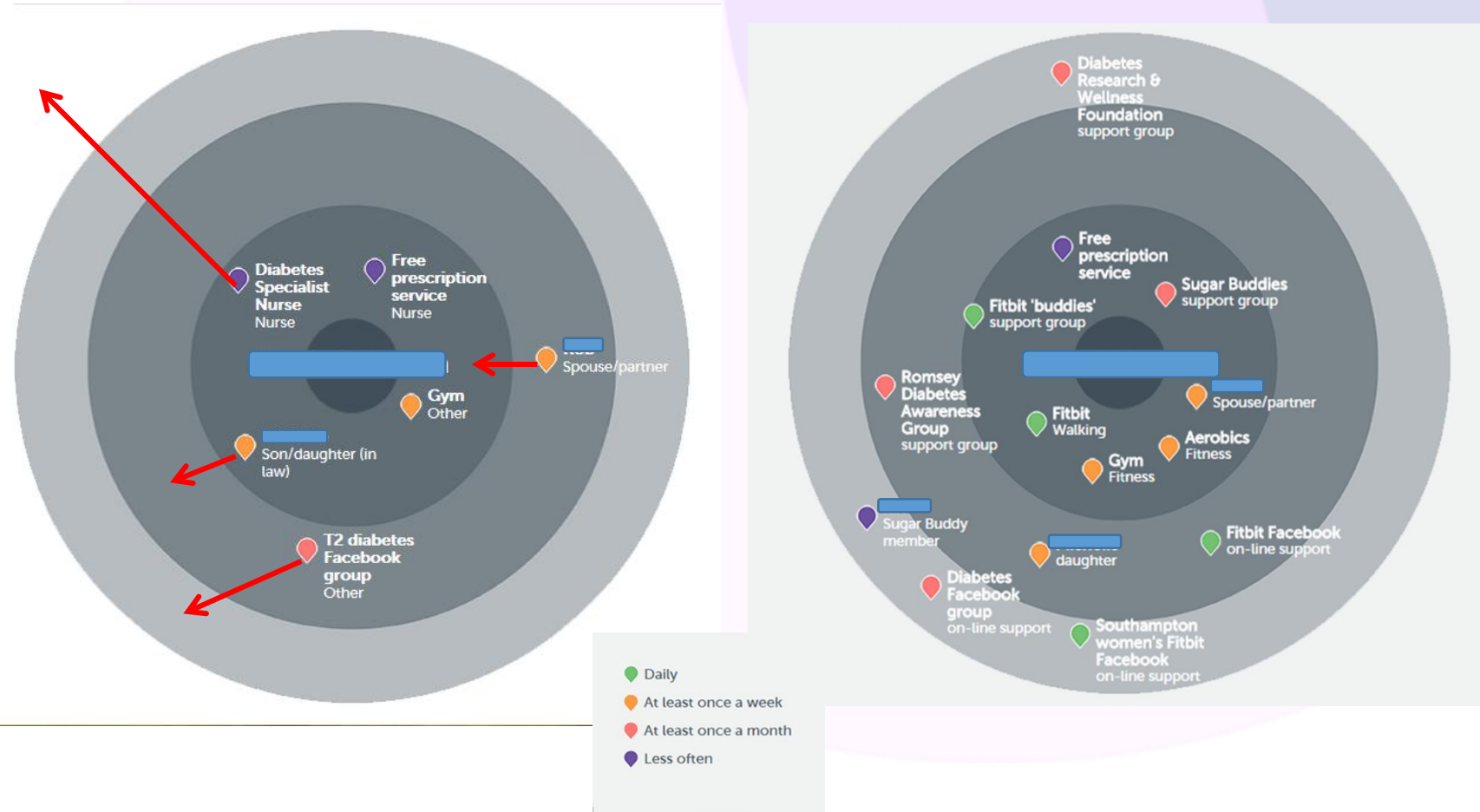
# 12 months later



# Less or more important

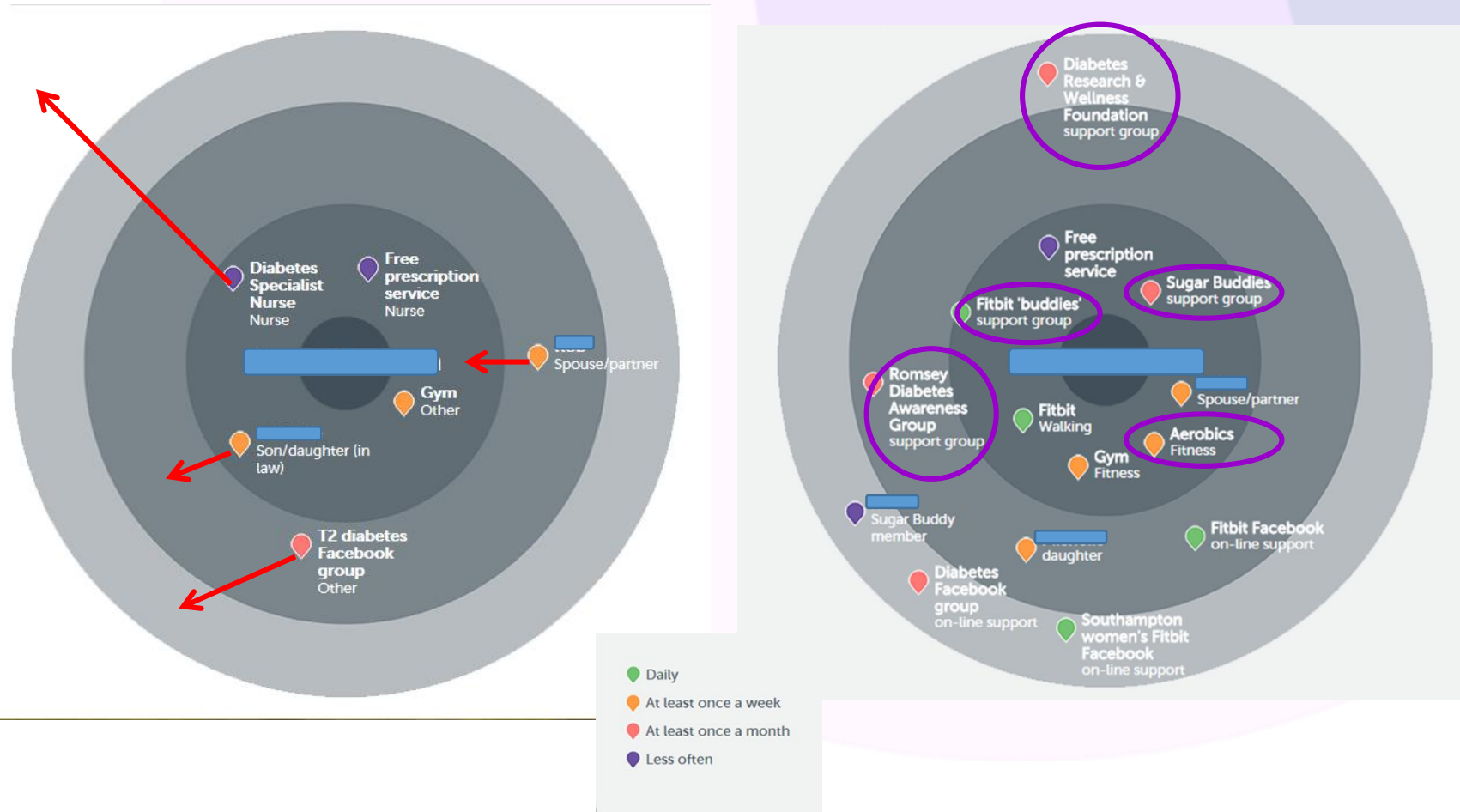
## Time 1 GENIE

## 12 months later



# New Groups Added

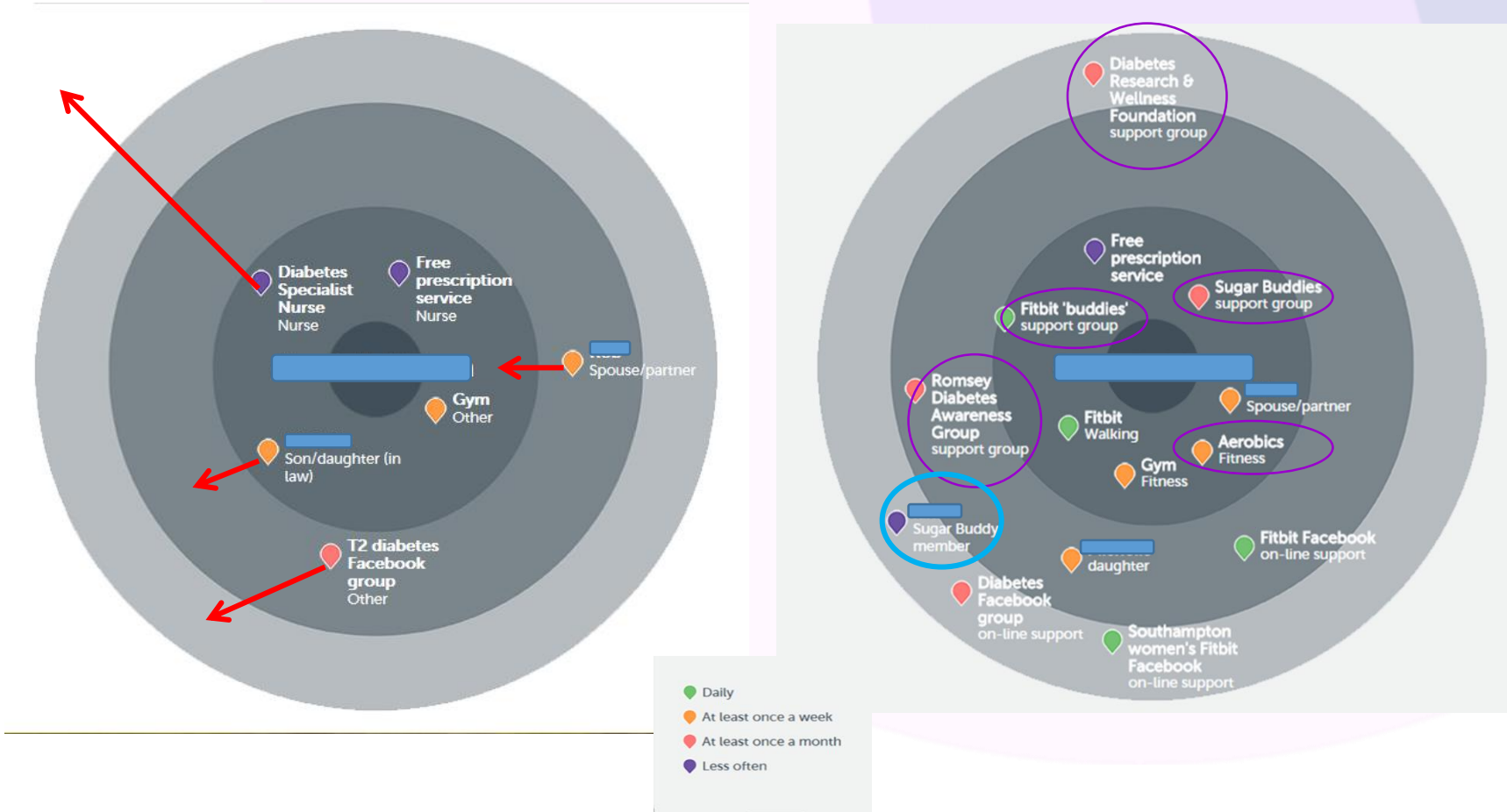
## Time 1 GENIE 12 months later



# New People Added

## Time 1 GENIE

## 12 months later

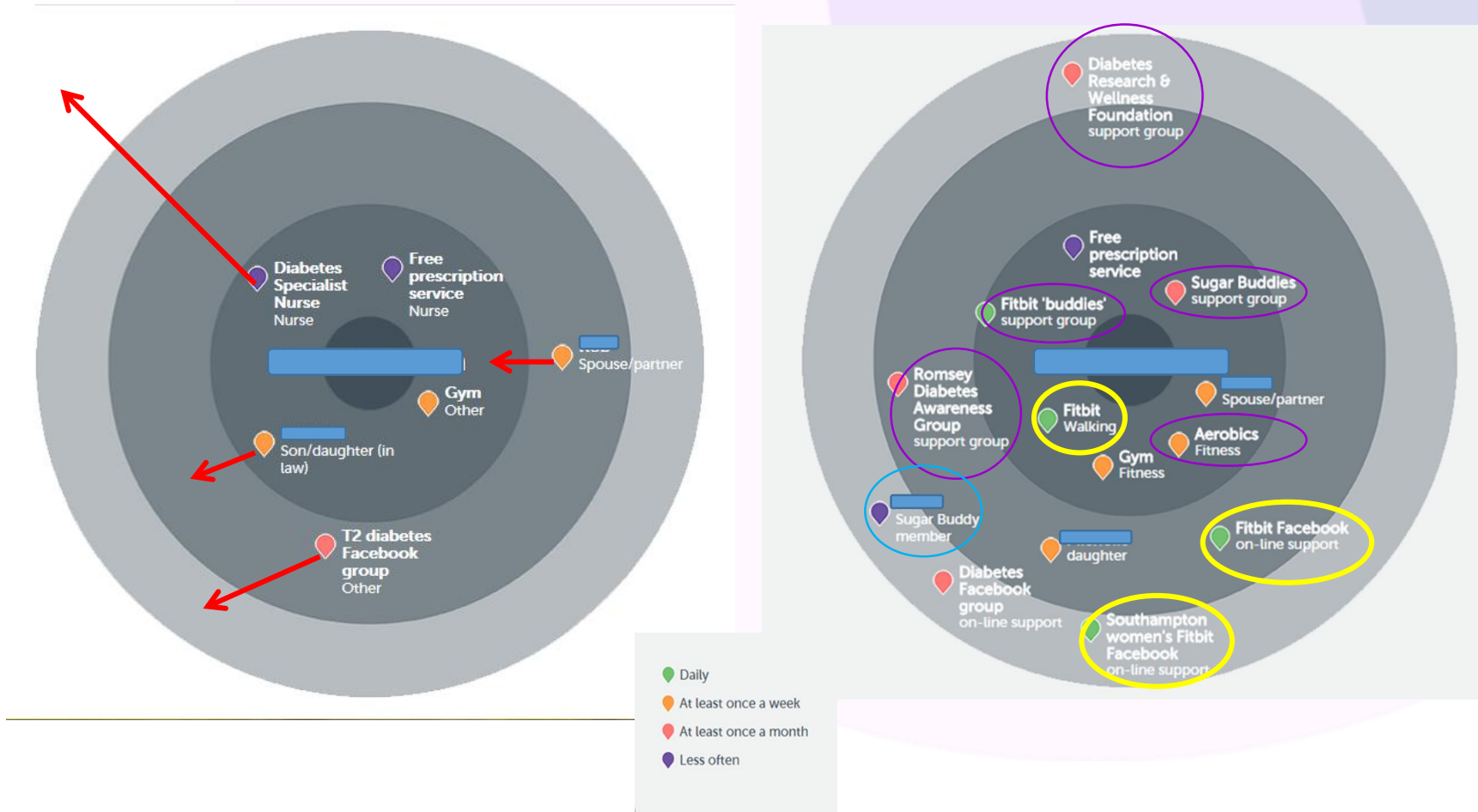




# New Helpful Things

Time 1 GENIE

12 months later

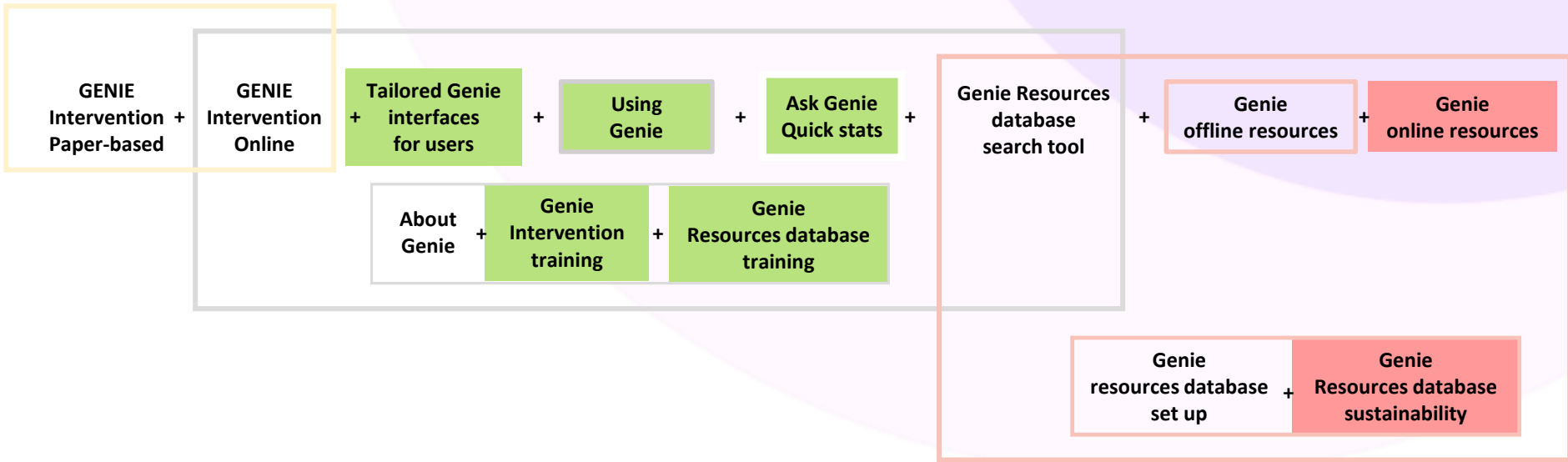


**GENIE INTERVENTION**

**GENIE ONLINE PLATFORM**

**GENIE RESOURCES DATABASE**

Network visualisation + Identification of preferences + Link to offline resources + Link to online resources



## Tools

Service Quick-add

## Actions

List Users

New User

List Favourites

New Favourite

List Statements

New Statement

List Conditions

New Condition

List Responses

New Response

List Network Members

New Network Member

List Network Categories

New Network Category

List Network Types

New Network Type

List Services

New Service

List Categories

New Category

List Online Resources

New Online Resources

List Pages

## Admin Add User

Email\*

John.Jones@gmail.com

Password

\*\*\*\*\*

Is Admin\*

Role

- None
- None
- Super Administrator (applicable to Champions)
- Researcher
- Facilitator
- Champion

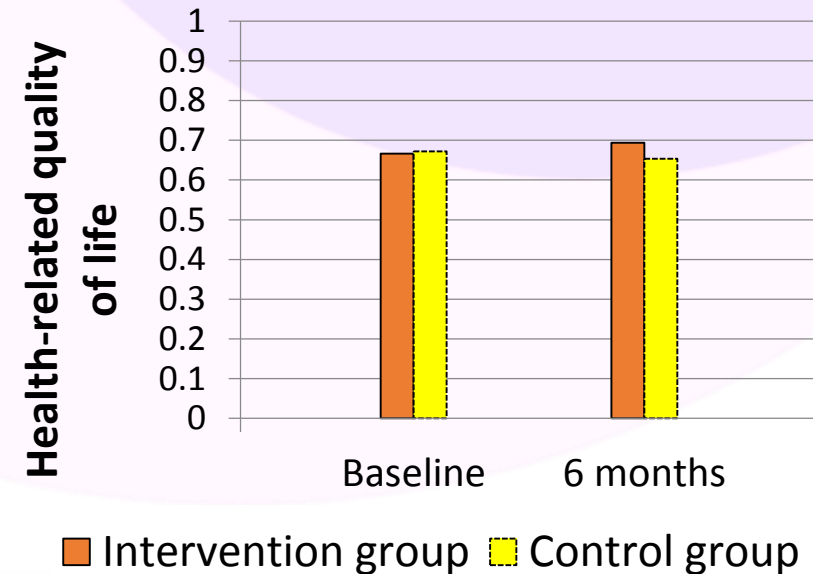
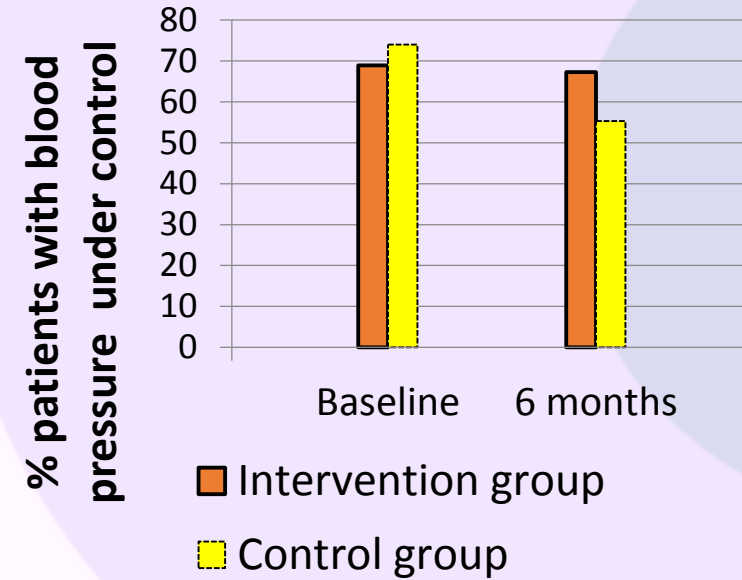
Submit

# Does GENIE work?

| ID | ACTIVITIES                                                                                 | HEALTH                                                                                                                    | LEARNING                           | SUPPORT                                                                                             | INDEPENDENT LIVING                | VOLUNTEERING                               | OTHER                                                                                               |
|----|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------|------------------------------------|-----------------------------------------------------------------------------------------------------|-----------------------------------|--------------------------------------------|-----------------------------------------------------------------------------------------------------|
|    | Singing<br>Playing guitar<br>Writing<br>Coffee group<br>Quiz team<br>Social Club<br>Church | Walking<br>Line-dancing<br>Zumba<br>Aerobics<br>Swimming<br>Table tennis<br>Pilates<br>Wii tennis<br>Gym<br>Health eating | Family History Society<br>Webinars | Befriending service<br>Diabetes Support Group<br>Resource Centre<br>Sugar Buddies<br>Facebook group | Mobility scooter<br>Pendant alarm | Peer support training<br>Charity shop work | Phablet<br>Walking stick<br>Diabetes recipe cards<br>Measuring spoons<br>Fitbit<br>Shopping trolley |
| 01 |                                                                                            |                                                                                                                           |                                    |                                                                                                     |                                   |                                            |                                                                                                     |
| 02 |                                                                                            |                                                                                                                           |                                    | *                                                                                                   | *                                 |                                            |                                                                                                     |
| 04 | *                                                                                          |                                                                                                                           |                                    |                                                                                                     |                                   |                                            |                                                                                                     |
| 05 |                                                                                            | *                                                                                                                         |                                    |                                                                                                     |                                   |                                            |                                                                                                     |
| 06 | *                                                                                          | *                                                                                                                         |                                    |                                                                                                     | *                                 |                                            |                                                                                                     |
| 07 |                                                                                            |                                                                                                                           |                                    |                                                                                                     |                                   |                                            |                                                                                                     |
| 10 |                                                                                            | *                                                                                                                         |                                    |                                                                                                     |                                   | *                                          |                                                                                                     |
| 11 |                                                                                            | *                                                                                                                         |                                    | *                                                                                                   |                                   |                                            |                                                                                                     |
| 12 |                                                                                            |                                                                                                                           |                                    |                                                                                                     |                                   |                                            | *                                                                                                   |
| 13 |                                                                                            |                                                                                                                           |                                    |                                                                                                     |                                   |                                            | *                                                                                                   |
| 14 |                                                                                            | *                                                                                                                         |                                    |                                                                                                     |                                   |                                            |                                                                                                     |
| 15 |                                                                                            | *                                                                                                                         |                                    |                                                                                                     |                                   |                                            |                                                                                                     |

# Findings at 6 months

- Significant difference in blood pressure control - maintained in intervention group but not in control group
- Significant improvement in health related quality of life
- Reduction in costs for intervention group



# GENIE Stakeholders

## **Genie Users**

- People with long-term conditions
- Frail elderly
- Isolated people – because of illness, social reasons or social stigma
- People at transition points - child to adult health services, discharge from acute care, prisoners prior to release
- Those wanting to form new support networks – people with alcohol dependency, new mothers

## **Who might want to use it as a tool for their service**

- Link workers - health trainers, care navigators, community workers
- Health and social care professionals
- Hub organisations – social housing, community organisations, bigger charities, libraries

## **Commissioning organisations**

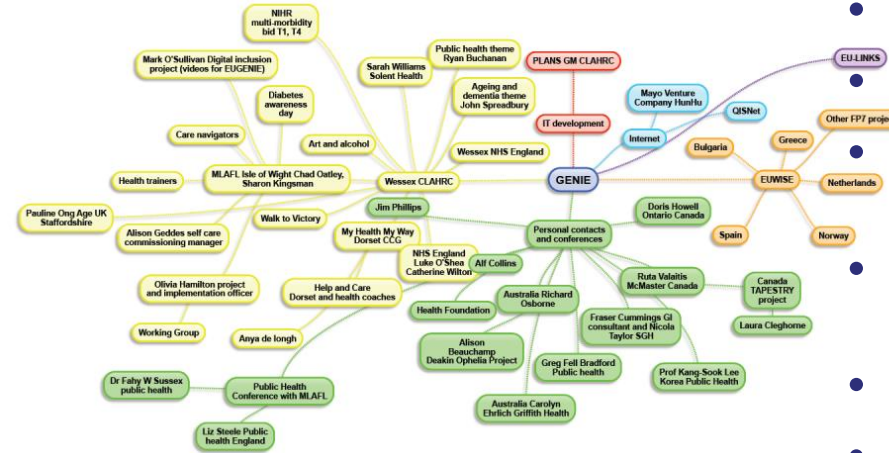
- to map and compare local resources
- to monitor what activities are of most interest to specific populations

## **Education**

- Academics studying social networks

# Who is Using GENIE?

- Isle of Wight Integrated care services
- Housing Associations
- Across Europe as part of a study on social networks in self-management support
- In Dorset as an activity in regular community-based self-management support courses
- In Solent, in a study involving people with mental health problems
- In Southampton to transition people with COPD from pulmonary rehab and maintenance classes to community support
- In Canada, GENIE has been used with adults with multi-morbidity, the frail elderly and adults with diabetes and hypertension
- Plans for implementation in Southampton City Council integrated Care. GENIE is being modelled for all Wessex CCGs and health economic outcomes are being evaluated





# Simon Wickes

Business manager

Genie working with Cynapse Ltd







# Anya De Iongh

Using GENIE as a self-management coach



# Sandy Walker

Using Genie with Solent NHS recovery college



# Lindsay Welch RN

Using Genie as an intervention with patients



# Sandy Ciccognani

Creating Genie in the community





# GENIE videos

**Belly Dancing Rookley**

<https://vimeo.com/158052165>