



AUT

ART– AUT Research Technology

A Research Data Management Solution

eResearch Conference, February 2016

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Agenda

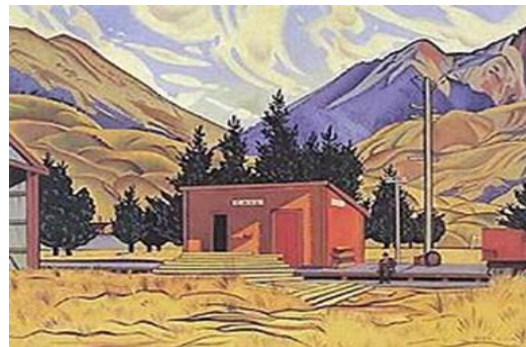
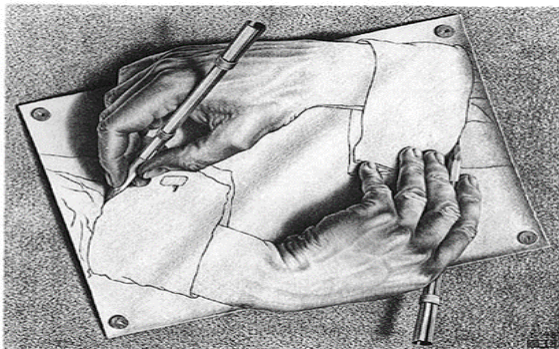
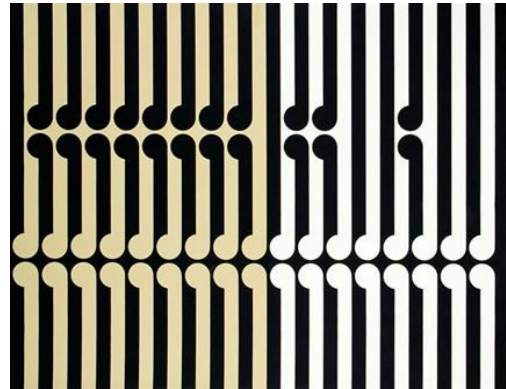
Today we will cover the following topics:

- Introducing AUT Research Technology (ART)
- Why use ART?
- ART overview & demo
- Questions



So, what is ART?

ART (AUT Research Technology) is a web-based software application developed to enable the **capture and management of research data.**

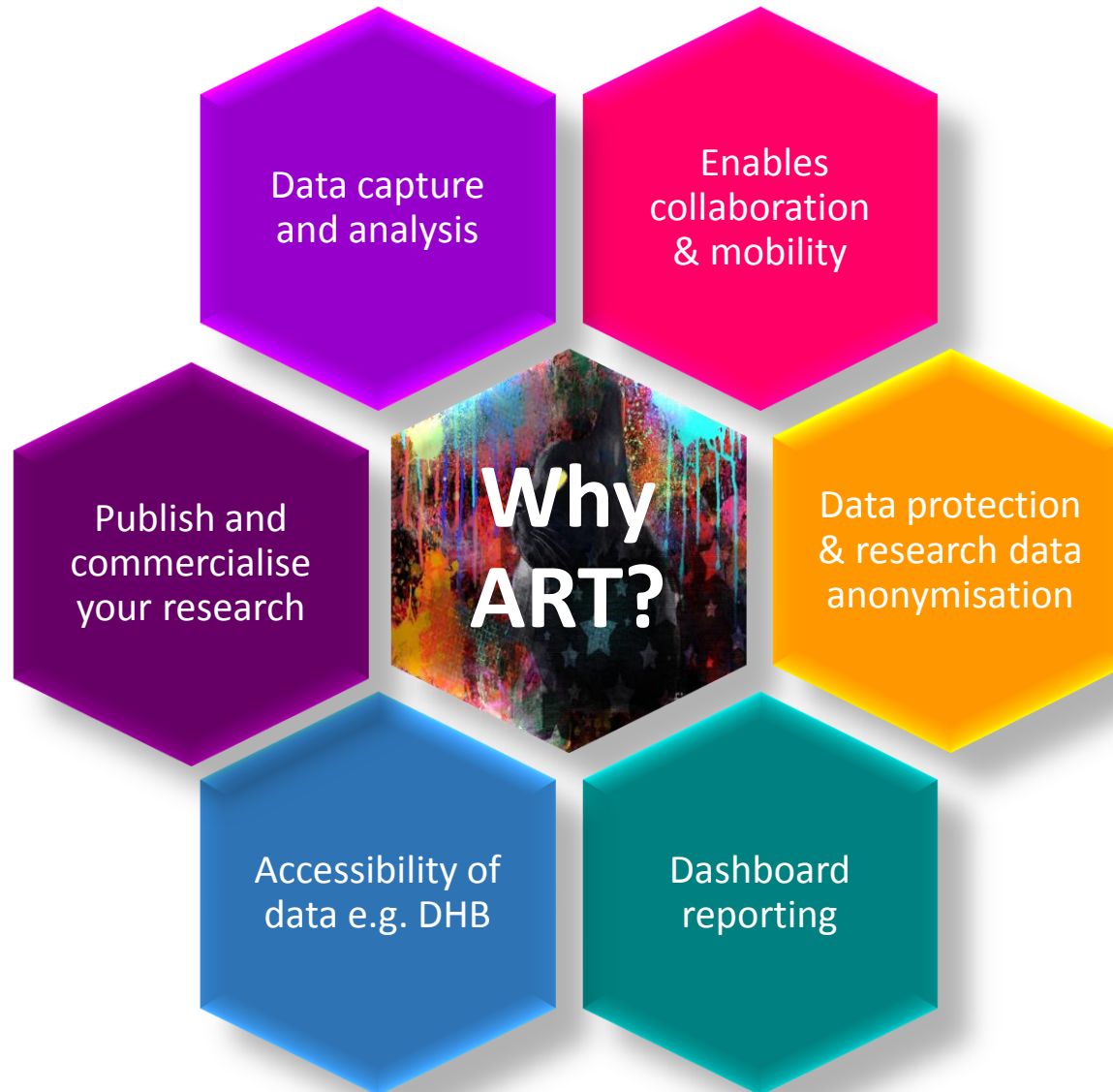


Features

- Customizable **data collection forms**
- **Workflow** component allowing for scheduled or event driven alerts, updates, actions.
- Unique participant **registration IDs**
- In-built **Randomisation tool**
- **Dashboard** for recruitment tracking
- **Security of data and access**
- **Reporting**
- **Designed to support ADM and DDC**



ART enables us to view and manage research data in a whole new way....



Reports

Details

Data Collection Forms

Create, update, and remove data collection forms

Data Collection Forms...

Definitions

Define data definitions for People. These are used for information to store against people in this project

Field Lookups

Create, update, and remove field lookup values. These allow you to define values for selectable answers to questions

Field Lookups...

Links to Forms. These are used for creating external links provided in emails and other correspondence

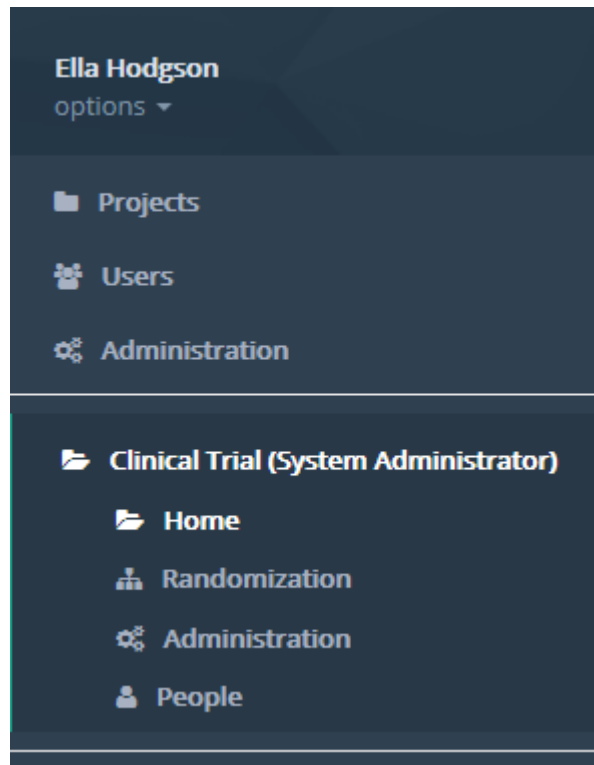
Workflow

View Workflow

Workflow


Login

<https://spk.aut.ac.nz/ARTDemo/Account/Login?ReturnUrl=%2fARTDEMO%2f>





Administration





 Clinical Trial
Demo area for a clinical trial


Home Randomization **Administration** Reports Details


 **Users**
Create, update, and remove users for this project
[Users...](#)


 **Person Data Definitions**
Create, update, and remove data definitions for People. These are used for defining additional information to store against people in this project
[Person Data Definitions...](#)

 **Form Links**
Create, update, and remove links to Forms. These are used for creating external links to Forms that can be included in emails and other correspondence
[Form Links...](#)

 **Data Collection Forms**
Create, update, and remove data collection forms
[Data Collection Forms...](#)

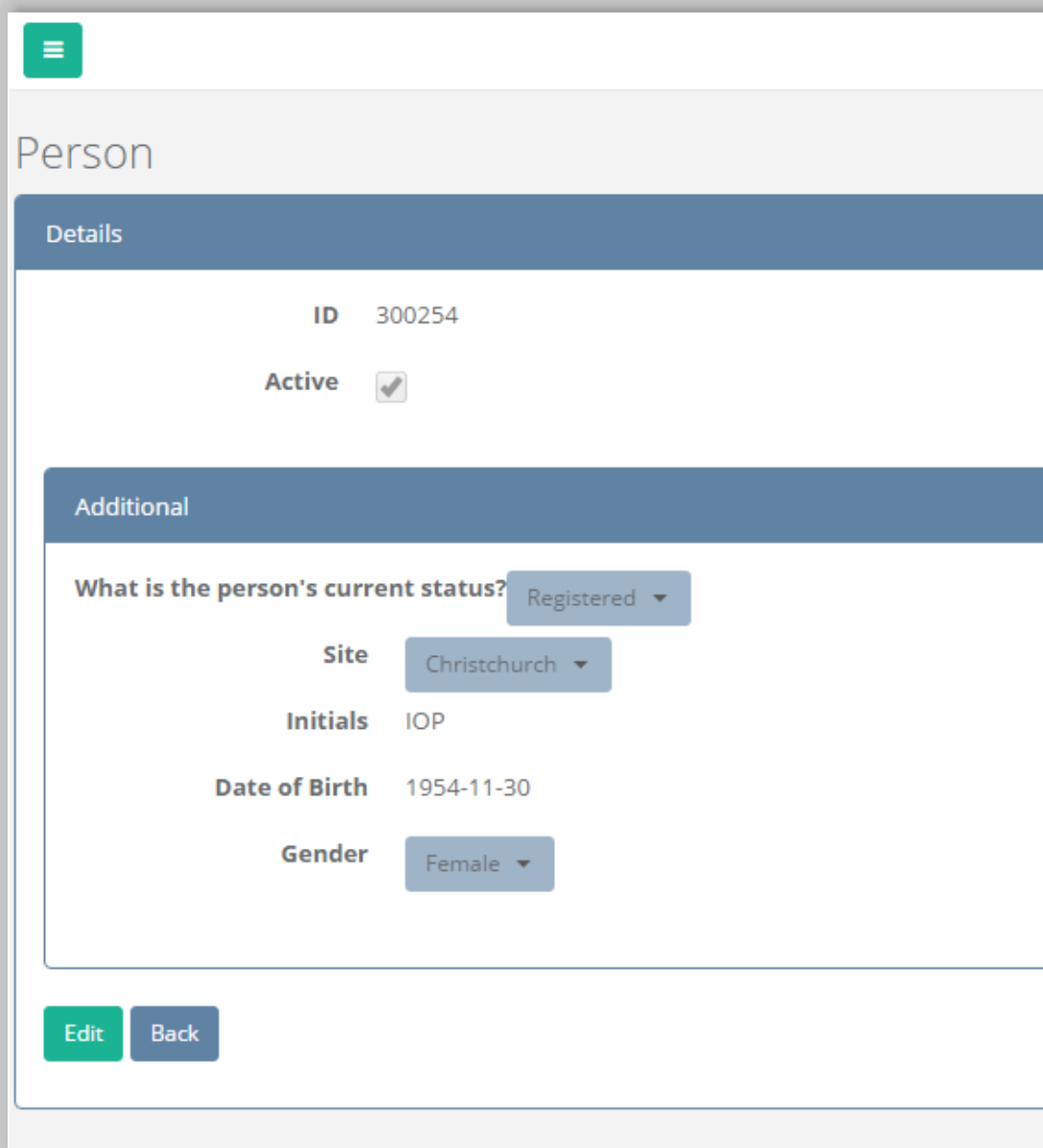
 **Field Lookups**
Create, update, and remove field lookup values. These allow you to define values for selectable answers to questions
[Field Lookups...](#)

 **Workflows**
Create, update, and remove workflow actions that can trigger changes to status updates, notifications etc.
[Workflows...](#)


 **Workflow Runs**
View Workflows that have been run
[Workflow Runs...](#)



Person definitions



A screenshot of a web application interface for defining a person. The interface is clean and modern, with a teal header bar and a white main content area. The title 'Person' is displayed in a large, dark font. Below the title, there are two main sections: 'Details' and 'Additional'. The 'Details' section contains two fields: 'ID' with the value '300254' and 'Active' with a checked checkbox. The 'Additional' section contains a question 'What is the person's current status?' followed by a dropdown menu showing 'Registered'. Below this are four more fields: 'Site' with a dropdown showing 'Christchurch', 'Initials' with the value 'IOP', 'Date of Birth' with the value '1954-11-30', and 'Gender' with a dropdown showing 'Female'. At the bottom of the form, there are two buttons: 'Edit' (teal) and 'Back' (blue).



Person

Details

ID 300254

Active

Additional

What is the person's current status? Registered ▾

Site Christchurch ▾

Initials IOP

Date of Birth 1954-11-30

Gender Female ▾

[Edit](#) [Back](#)

People/Participants



Project People

List

Create

Show 10 entries

| ID | Active | Initials | |
|--------|--------|----------|--|
| 100244 | True | ERT_ | Edit Select Delete |
| 100245 | True | JUY_ | Edit Select Delete |
| 100247 | True | HUG_ | Edit Select Delete |
| 100248 | True | OKL_ | Edit Select Delete |
| 100250 | True | TRE | Edit Select Delete |
| 200246 | | FGT_ | Edit Select Delete |
| 200249 | | RTH | Edit Select Delete |
| 200251 | | WED | Edit Select Delete |

Unique
participant
registration
IDs

Showing 1 to 1

Data collection forms

Customisable
data collection
forms

Data Collection Forms

List

Create

Show 10 entries

| Name | Description | Links To | Index | |
|--------------------|--------------------|----------|--------|--|
| Contact Form | Contact Form | | 1 of 1 | Preview Edit Sections Delete |
| First Assessment | First Assessment | | 1 of 1 | Preview Edit Sections Delete |
| Second Assessment | Second Assessment | | 1 of 1 | Preview Edit Sections Delete |
| Third Assessment | Third Assessment | | 1 of 1 | Preview Edit Sections Delete |
| Treatment Progress | Treatment Progress | | 1 of 1 | Preview Edit Sections Delete |

Showing 1 to 5 of 5 entries

Data collection forms

Contact Form

Clinical Trial

Registration Section

Clinic Location*

Auckland

Name of staff member*

Date of registration*

dd/mm/yyyy

Client Demographics

Was an approximate date entered for client Date of Birth?

Yes No

1. What is your ethnicity?

Tick those that they say apply to them (more than one option may be selected)*

Nothing selected

If Other ethnicity, please specify

Randomisation

Clinical Trial

Demo area for a clinical trial

Home **Randomization** Administration Reports Details

Show 10 entries

| ID | Active | Initials | Allocation Group | Text Messaging |
|--------|--------|----------|------------------|----------------|
| 100244 | True | ERT_ | R2 | True |
| 100245 | True | JUY_ | | |
| 100247 | True | HUG_ | R2 | False |
| 100250 | True | TRE_ | | |
| 200246 | True | FGT_ | | |
| 200251 | True | WED_ | | |
| 200253 | True | TYU | | |
| 200255 | True | QAS | | |
| 200256 | True | BGT_ | | |
| 300254 | True | IOP | | |



Dashboard



Clinical Trial

Demo area for a clinical trial

Home

Randomization

Administration

Reports

Details

Show 10 entries

| Person | Status | Contact Form | First Assessment | Second Assessment | Third Assessment | Treatment Progress |
|--------|------------------------------------|--------------|------------------|-------------------|------------------|--------------------|
| 100244 | Randomised and receiving treatment | ● | ● | ● | ● | ● |
| 100245 | Registered | ● | ● | ● | ● | ● |
| 100247 | Registered | ● | ● | ● | ● | ● |
| 100250 | Ineligible | ● | ● | ● | ● | ● |
| 200246 | Contact for consent | ● | ● | ● | ● | ● |
| 200251 | Contact for first assessment | ● | ● | ● | ● | ● |
| 200253 | Registered | ● | ● | ● | ● | ● |
| 200255 | Registered | ● | ● | ● | ● | ● |
| 200256 | Ineligible | ● | ● | ● | ● | ● |
| 300254 | Registered | ● | ● | ● | ● | ● |

Showing 1 to 10 of 11 entries

Questions



Interested in ART?

Email us at ART@aut.ac.nz