Waterfall to Agile, it wasn’t that easy!
Mr Michael McGuinness | eResearch Australasia 2019
Welcome to the Griffith Randomisation Service

The Griffith Randomisation Service provides automated centralised randomisation for research studies, overseen by experienced statisticians, researchers, and with the support of Griffith Information Services.

You can contact us via:
phone: 07-3735-4886
email: randomisation@griffith.edu.au

An automated 24-hour randomisation service is available for investigators to use via a web portal. Researchers within the study team log in, then enter key information. Allocation occurs instantly. Confirmation emails are generated automatically and sent to relevant personnel in the study team. This provides a completely independent randomisation process, with allocation concealment compatible with all major clinical trial standards and guidelines including those required by the International Council of Medical Journal Editors.

The Price List for the Randomisation Service can be found here.

The University also offers a range of additional clinical trial services through the Clinical Trials Unit of the Menzies Health Institute Queensland.
### jedi temple

<table>
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<th>Count</th>
<th>Remaining</th>
<th>Per Week</th>
<th>Days to Go</th>
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<td>190095</td>
</tr>
<tr>
<td>female option</td>
<td>3</td>
<td></td>
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</tr>
</tbody>
</table>

**Stratum: sex**

- **Male**: 2 sampled
- **Female**: 3 sampled

**Sites**

- **Primary Location**: 4 sampled
- **Secondary**: 1 sampled
Use up to date technologies

Reuse of existing algorithms to ensure consistency

Meet current development standards and best practices

Increase the sustainability of the service by ensuring security and maintenance for next 3 - 5 years

and allow improvements necessary for accessibility on modern devices.
Requirements Gathering

Lots of talking and getting every detail sorted out

Sounds great?

After 3 months it just wasn’t working
• Allowed changes to be made very quickly
• Direction can be altered based on client feedback (we gave a demo every fortnight).
• Use a just in time method where some of the technical details were not defined until we started working on the task.

Moving to Agile
How did it go?

- Do any User Acceptance Testing at the end of each sprint!
  - This reduces the need to spend long periods of time at the end doing undertaking all testing in one big bang
- Ensure that the sprint builds something tangible
- Other than sprint planning meetings, try to have high level direction sessions with the development team to ensure that all of the work can done
- Use of an Agile management tool (e.g. Jira) and have the development team estimate their tasks accurately
• Expect resistance from project team
  • When something is new and unknown people will resist
  • Focus on selling them the benefits of the change
• Ask them to just allow the process to happen and then happy to discuss if still not working
• Work with other technical teams early on, they are generally happy to help if you give them enough lead to time

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To find out more about the Griffith Randomisation Service, get pricing information, and register your trial with us, visit our main website.

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190001
Test Trial

Participants Remaining Per week Days remaining
7 of 1200 1193 0.46 0

Randomisation method
Blocked

Study group allocation method
Parallel

Study groups

Control
Weight x 1
4 sampled

Treatment
Weight x 1
3 sampled

Sites

Mater
ID 1
7 sampled

RBWH
ID 2
0 sampled

Randomise new participant

Created: 09/Jul/2019 11:16:37
Started: 08/Jul/2019 15:53:27
What’s Next
• New round of funding to include
  • More detailed reports
  • Study packs

• New Authentication methods
  • Requested by project but can be used Uni wide
THANK YOU