

# Collaborative Research Environments – a case study from Harrogate & District Foundation Trust

The image displays two overlapping screenshots of a research environment. The background screenshot shows the 'NIHRTEST - HDFTPatient' website, which is part of the Harrogate and District NHS Foundation Trust. It features a navigation menu with 'Home', 'About Our Research', 'Contact Information', and 'Our Mission'. A 'Spotlight on Research' section highlights a cancer research project. The foreground screenshot shows the 'NIHRTEST - AcnePSP' research portal. This portal includes a 'HOME' section with links for 'PROJECT UPDATES', 'TO-DO'S', 'DOCUMENT LIBRARY', 'IMAGE LIBRARY', 'CALENDAR', 'THE TEAM', 'WEB LINKS', 'CONTACT DETAILS', 'MEDNAR SEARCH', and 'SITEMAP'. A 'WELCOME' message is visible, along with a 'RECENT ACTIVITY' section showing a document titled 'AcnePSPPortalGuide.docx'. A 'DISCUSSION BOARD' section is also present, with a 'Join the Discussion' button. The right-hand side of the portal features a 'Project Tasks' section, a 'Contact Details' section, and a 'Calendar' section. The overall design is clean and professional, with a blue and white color scheme.

**Stephen Andrews**

R&D Unit

Harrogate & District NHS Foundation Trust

# Research at Harrogate & District Foundation Trust

- #1 for number of recruiting studies in Small Acute Trust category
- R&D Unit – Medicine for Members events
- Collaboration:
  - Yorkshire & Humber Academic Health Science Network
  - Leeds & York Teaching Hospitals
  - North East Yorkshire & Northern Lincolnshire CLRN
  - Yorkshire Cancer Centre
  - MacMillan Cancer Support
  - International – NIH
  - Working with patients

# Collaborative Research – Some Requirements

- Document libraries – sharing & backing up documents (text, data, images, slides)
- Calendar - arranging meetings, flagging events
- Videoconferencing
- Contact details – teams and stakeholders
- Tracking progress – updates, discussions, plans
- Links to external websites – partners, literature, trials
- Security – simple logon, access from anywhere
- Example – HDFT Acne Priority Setting Partnership

# Acne Priority Setting Partnership

- James Lind Alliance – prioritising future research
- Distributed team
- Diverse organisations
  - NHS trusts
  - Universities (Bristol, Huddersfield, Hull)
  - NIHR
  - CRN
- Engagement with patients and professionals
- Social media
- Required an online environment to support Steering Group, data analysis, future PSP groups

# RIC v3 – a Collaborative Research Environment

## VRE Toolkits - SharePoint extensions

- [Cancer Imaging for SharePoint](#) (Oxford University)
- [Collaborator Search Kit](#) (British Library)
- [Content Archiving Kit](#) (British Library)
- [Content Lifecycle Integration Framework](#) (University of Hull)
- [Document Review Workflow Kit](#) (British Library)
- [Heterogeneous Data Centre](#) (University of Southampton)
- [LabTrove-SharePoint connector](#) (University of Southampton)
- [Literature Review Kit](#) (British Library)
- [RSS Feeds Kit](#) (British Library)
- [SharePoint Entity Manager](#) (University of Southampton)
- [SharePoint Repository Kit](#) (University of Southampton)
- [User Administration \(FBA\) Kit](#) (British Library)
- [X-Ray Diffraction Data Converter Kit](#) (University of Delhi)



## Templates

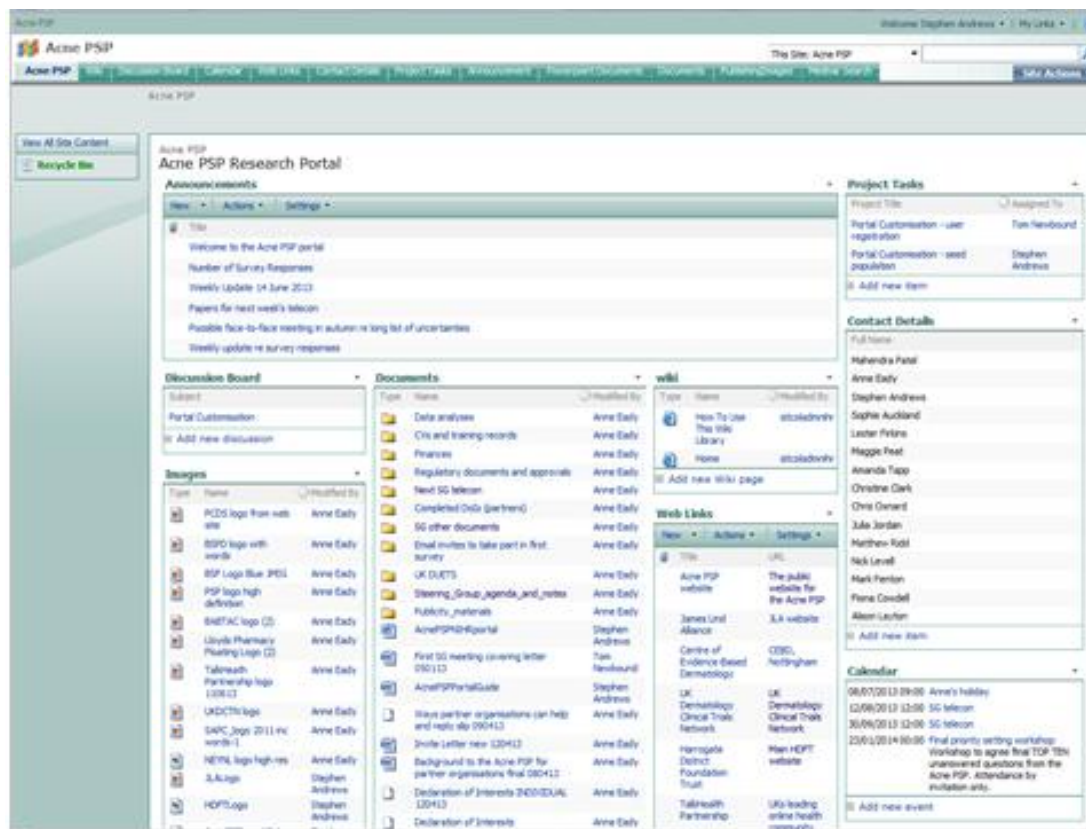
- [Researcher and Project Templates](#) (British Library)
- [La Trobe Templates for VRE – RIC with Active Directory](#) (La Trobe University)

## Related Projects

- [Data Management Planning & Storage for Psychology](#) (University of Sheffield)

# Customising the NIHR Portal

- Existing platform for supporting health research
- Secure
- Extensible platform (SharePoint) with most of the required features



# Next Generation NIHR Portal

- HDFT group invited to test shortlisted NG platforms
  - Google+ For Business
  - Jive
- Replicated SharePoint functionality
- Additional features
  - videoconferencing
  - more of a social 'look and feel'
  - creation of multiple sites
  - engagement with external stakeholders and patients
- Enabled use of certain data analysis plug-ins


# Screenshot – Google Acne PSP Site

## NIHRTEST - AcnePSP

Search this site


- HOME
- PROJECT UPDATES
- TO-DOS
- DOCUMENT LIBRARY
- IMAGE LIBRARY
- CALENDAR
- THE TEAM
- WEB LINKS
- CONTACT DETAILS
- MEDNAR SEARCH
- SITEMAP

### ACNE DISCUSSION GROUP



Join the Discussion

## Home



AcnePSP  
PRIORITY SETTING PARTNERSHIP

Welcome to the Acne PSP group research portal.

Owner	Description	Due Date	Complete
Stephen	Create Google+ sites	July 30, 2013	
Mark	Provide DUETS classification	August 30, 2013	✓

Showing 2 items from page TO-DOS sorted by Due Date, Owner, Complete. [VIEW MORE >](#)

### UPDATES

**LATEST UPDATE 29 JULY...** We now have 2600 responses to the survey.  
Posted Jul 30, 2013, 6:15 AM by Stephen Andrews

**WE'RE ON TARGET...** Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc tristique tortor eget nulla eleifend feugiat. Donec nulla felis, vulputate fringilla ultrices id, congue et odio. Integer urna orci, pellentesque eget ...  
Posted Jul 30, 2013, 5:27 AM by Stephen Andrews

**THE RESULTS OF OUR SURVEY...** Lorem ipsum dolor sit amet, consectetur adipiscing elit. Nunc tristique tortor eget nulla eleifend feugiat. Donec nulla felis, vulputate fringilla ultrices id, congue et odio. Integer urna orci, pellentesque eget ...  
Posted Jul 30, 2013, 5:27 AM by Stephen Andrews

Showing posts 1 - 3 of 4. [VIEW MORE >](#)



# Screenshot – Jive Acne PSP Group

The screenshot shows the Jive Acne PSP Group page. At the top left is the NHS logo and the text "National Institute for Health Research". At the top right is a user profile for Stephen Andrews. Below this is a navigation bar with links for Home (with a notification badge), Content, People, Places, Apps, and Create. A search bar is also present. The main header for the group is "Acne PSP" with a group icon and a "Following in 1 stream" indicator. Below the header are tabs for Overview, Activity, Content, People, and More, along with Action, About, and Manage options. The main content area is divided into three sections: "CREATE:" with options for Status Update, Discussion, and Uploaded File; "RECENT ACTIVITY:" showing a post by Stephen Andrews with the text "What's going on?" and a document titled "AcnePSPPortalGuide.docx"; and "TOP PARTICIPANTS:" listing Stephen Andrews and Maggie Peat (Lead Research Nurse at Harrogate and District Foundation Trust). A "KEY CONTENT AND PLACES" section is currently empty. At the bottom, there are sections for "FEATURED CONTENT" and "Feedback".

# Experience to date - pros

- Encourages collaboration between participants
- Simplifies document sharing and version control
- Provides a central repository that all parties can add to and take from
- Helps disseminate best practice across the group (learning from each other)
- Saves time
- Ideal way to communicate with home-based participants (e.g. patients)
- Enables external partners to feel part of the group
- Quick way to find information (e.g. phone numbers, meeting dates)
- Helps reinforce links between researchers and patients

# Experience to date – some cons

- Different way of working – reluctance to engage
- Can duplicate effort until people get used to it
- Can seem remote - tends to discourage direct contact (e.g. phone calls)
- Access is a barrier to use if it is not simple and reliable (multiple logons)
- Logon an issue from certain networks
- Not our platform - modifications dependent on others
- Some features not intuitive - perceived learning curve
- Local IT policy can be an issue

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- **National Institute for Health Research**
  - Richard Corbridge – CIO
  - Tom Newbound – Learning & Development Manager