![Innovation]

**Dorset Innovation Hub**
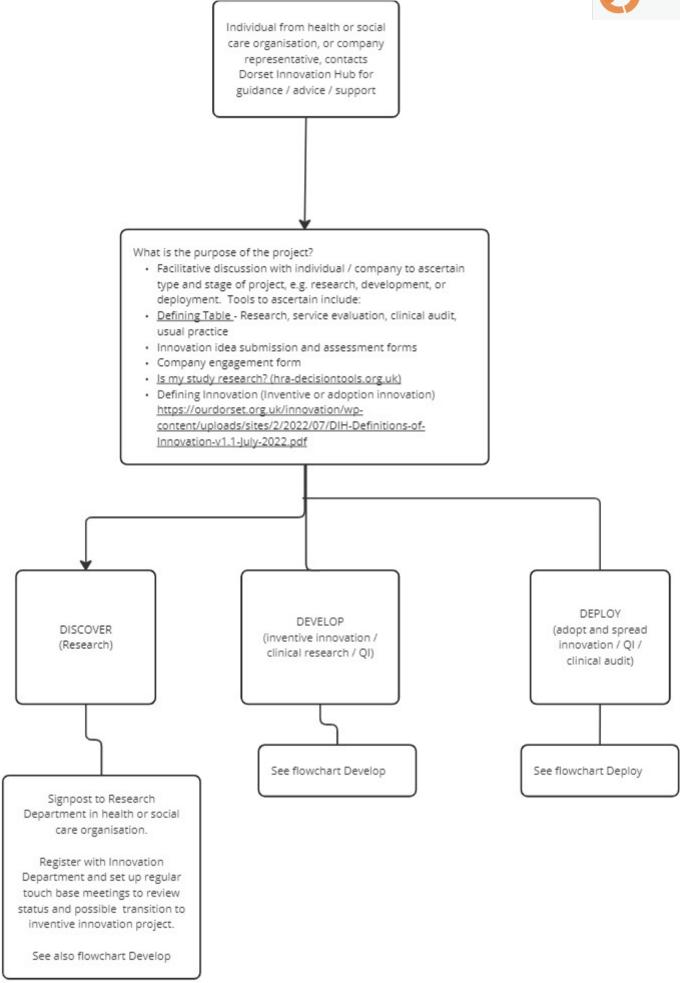**Discover, Develop, and Deploy flow charts**

This suite of high-level flowcharts has been created to support individuals navigating health and care as part of their innovation project.  Recognising that individuals are at different stages of their innovation journey, the three stages (discover, develop and deploy) have been utilised.

It is recognised that implementation of innovation isn't linear and as such you will need to consider this.  The flowcharts are designed to be used as part of our discussions with you and a guide as to what you need to consider at each stage e.g. type of project and key points that we ask you about as part of our facilitative discussion.

If you have any queries, please don't hesitate to contact us via:
DorsetInnovationHub@uhd.nhs.uk

# Discover, Develop, and Deploy flow charts

Individual from health or social care organisation, or company representative, contacts Dorset Innovation Hub for guidance / advice / support

What is the purpose of the project?
- Facilitative discussion with individual / company to ascertain type and stage of project, e.g. research, development, or deployment. Tools to ascertain include:
- Defining Table - Research, service evaluation, clinical audit, usual practice
- Innovation idea submission and assessment forms
- Company engagement form
- Is my study research? (hra-decisiontools.org.uk)
- Defining Innovation (Inventive or adoption innovation) https://ourdorset.org.uk/innovation/wp-content/uploads/sites/2/2022/07/DIH-Definitions-of-Innovation-v1.1-July-2022.pdf

**DISCOVER**
(Research)

**DEVELOP**
(inventive innovation / clinical research / QI)

**DEPLOY**
(adopt and spread innovation / QI / clinical audit)

See flowchart Develop

See flowchart Deploy

Signpost to Research Department in health or social care organisation.

Register with Innovation Department and set up regular touch base meetings to review status and possible transition to inventive innovation project.

See also flowchart Develop

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# Develop flowchart

Purpose of the project has been defined as inventive. See flowchart 1.

Signpost to Innovation Department in health or social care organisation.

Facilitative discussion to ascertain stage of initiative (see below):
- Has an innovative solution been identified?
- Type of innovative solution proposed, e.g. device, pathway
- Technology readiness level
- Commercial arrangements - acceptable / beneficial to health or social care organisation and next steps
- Clinician involvement and establish where feasible.
- Status of key points incl. evidence base, finance / funding, DPIA, key stakeholders (individuals and organisations), sponsor agreement (see checklist)
- Contracts / collaboration agreement / Non-disclosure agreement (NDA).
- Register with Innovation Department
- Assess support for implementation, is this an approved organisation priority
- Approval within organisation incl. checklist and where appropriate NHS regulatory requirements, e.g. Conformity Assessed (CA/CE) marking and approvals in organisations inc. Medical Devices group
- Establish regular touch base regarding status

Feasibility (establish if innovation can be developed / adapted for use)

Product development

Regulatory approvals

Commercialisation

Clinical study(s)

Real world evaluation / adoption. See flowchart 3

# Deploy flowchart

AHSN / Industry initiated contact with or without clinical involvement

Referral from Research Department, Clinical Audit Department or QI Department in or outside of organisation

Clinician initiated in or outside of organisation

Purpose of the project has been defined as adoption (deploy) See flowchart 1

- Signpost to Innovation Department in health or social care organisation.
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- Facilitative discussion to ascertain stage of initiative (see below):
- Has an innovative solution been identified
- Type of innovative solution, e.g. device, pathway
- Technology readiness level
- Commercial arrangements - beneficial to trial site? and next steps
- Clinician involvement and establish where feasible.
- Contracts / collaboration agreement / Non-disclosure agreement (NDA).Status of key points inc. evidence base, finance, DPIA, key stakeholders (individuals and organisations), sponsor agreement (see checklist)
- Register with Innovation Department
- Assess support for implementation, is this an approved organisation priority
- Approval within organisation inc. checklist and where appropriate NHS regulatory requirements, e.g. Conformity Assessed (CA/CE) marking and approvals in organisations inc. Medical Devices group
- Establish regular touch base regarding status

Innovative solution identified

Trial of initiative (real world evaluation)

Implementation (real world evaluation in place)

Horizon scanning for alternative solutions

Report incl. key analysis of clinical benefit, feasibility and operational impact of implementation of initiative

Review of quality (evidence based) standards via clinical audit (signpost to clinical audit department)