The User is Not Just on the Front Line: Inclusive Design in MedTech ordered and labelled IV/central decision equipment sharps bin calculator light O2 tank Jonathan West Reader in Healthcare Design, Helen Hamlyn Centre for Design | Royal College of Art

Who we are

Inclusive Design methods

Case studies of Inclusive Design to improve economic value

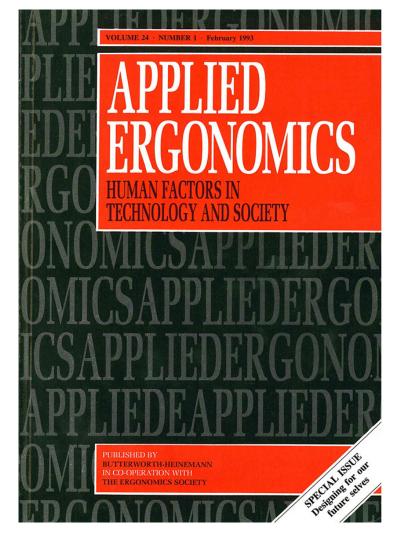
Who we are and what we do

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25-year History





Business Driven



Community Facing



Public Facing





INNOVATING WITH PEOPLE

THE BUSINESS OF INCLUSIVE DESIGN

Innovating with People

4⊕ Listen

Are you searching for new competitive advantages? Is your company operating in a market undergoing change?

Turn the challenges connected to the rapidly changing contexts of demographics and environment into new opportunities to innovate, make profit and increase market shares.

Engage with Inclusive Design strategy!

Inclusive Design is being written into legislation. Products and services will

now have to meet these new criterias. This book shows how you can turn these challenge into opportunities for profitable innovation.

Adopt an Inclusive Design strategy and you will come closer to your customers by understanding their needs. Inclusive Design is also used here to describe Universal Design and Design for All.

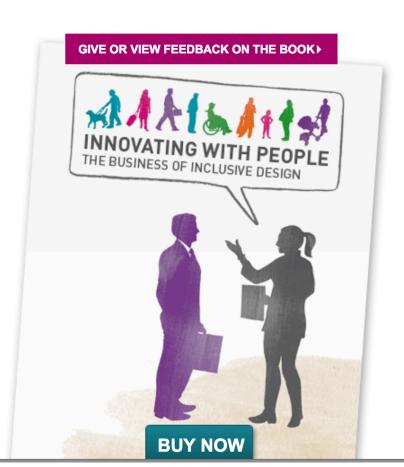
Buy this practical step-by-step guide that explains how to involve people in your design process.

Read more about what's in the book >



Click to enable Adobe Flash **Player**

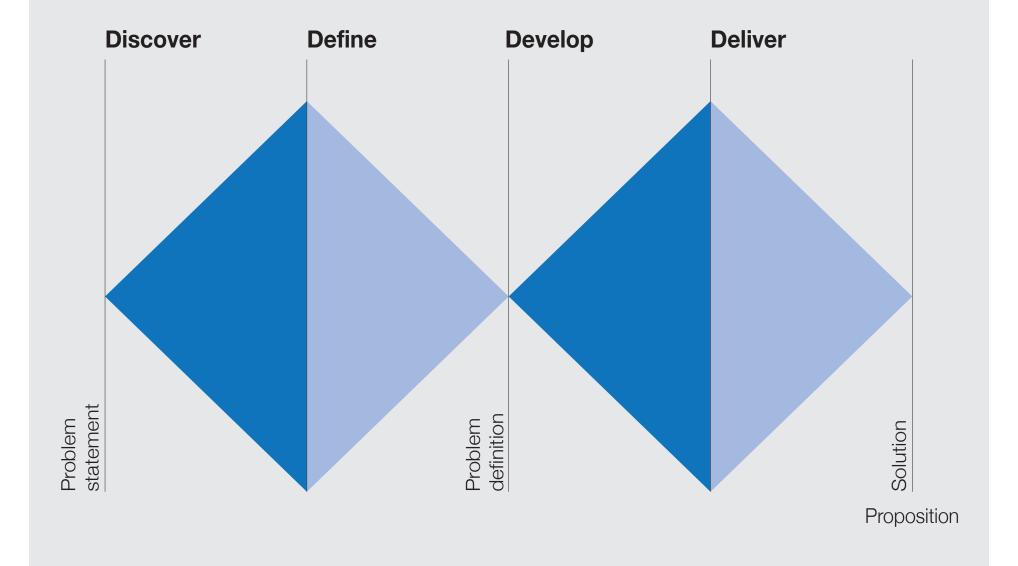
A video about Inclusive design. View video transcript

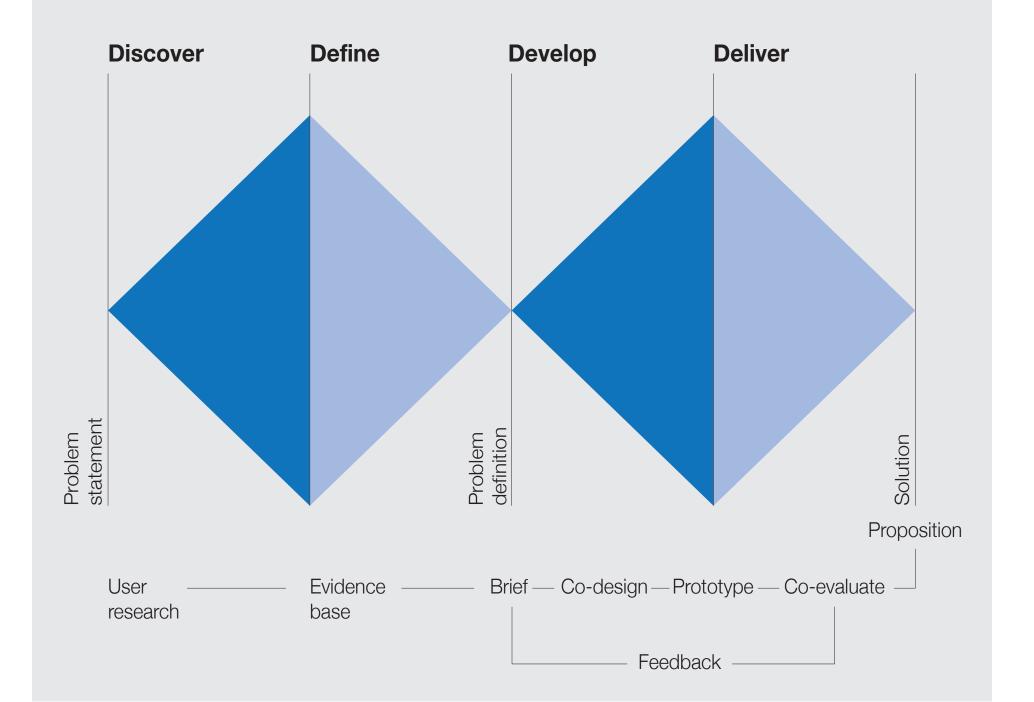


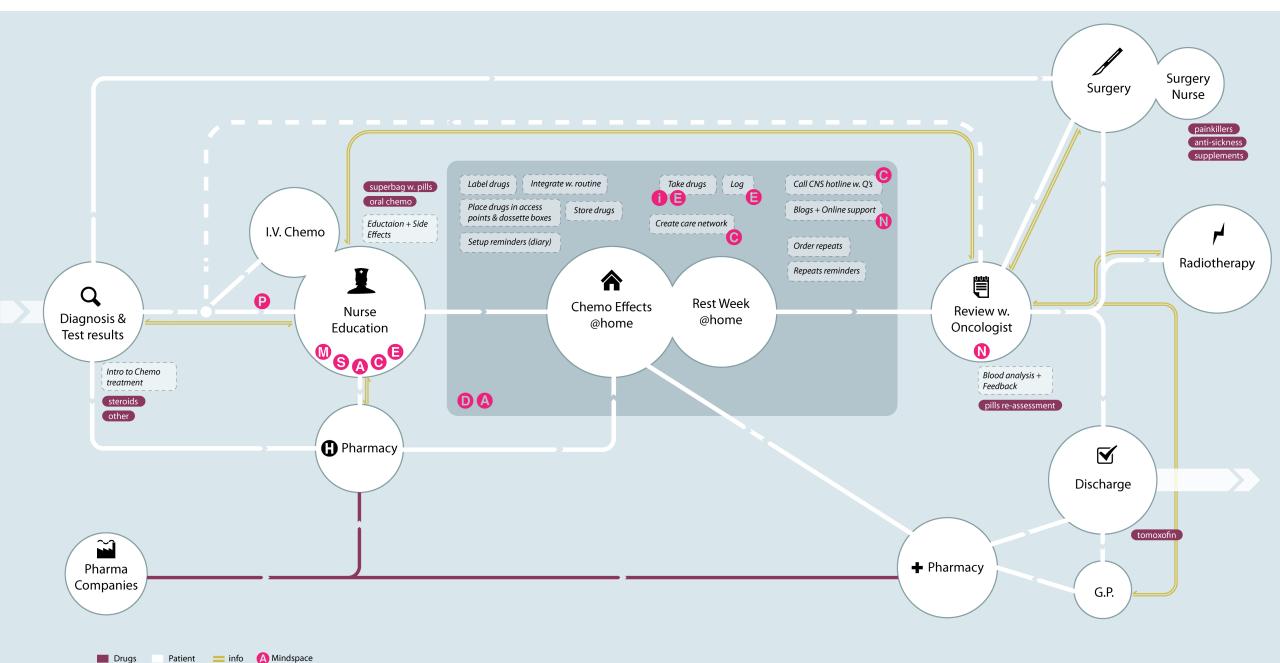
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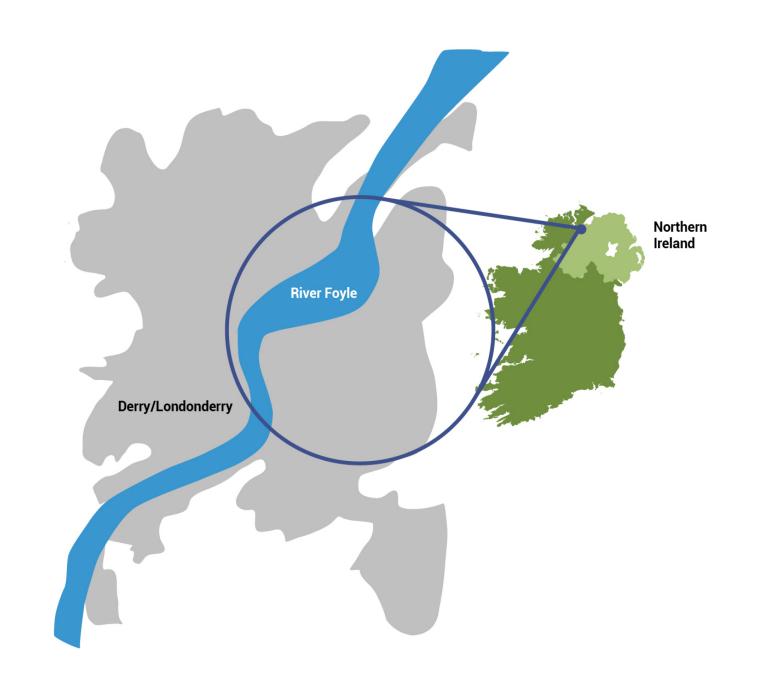










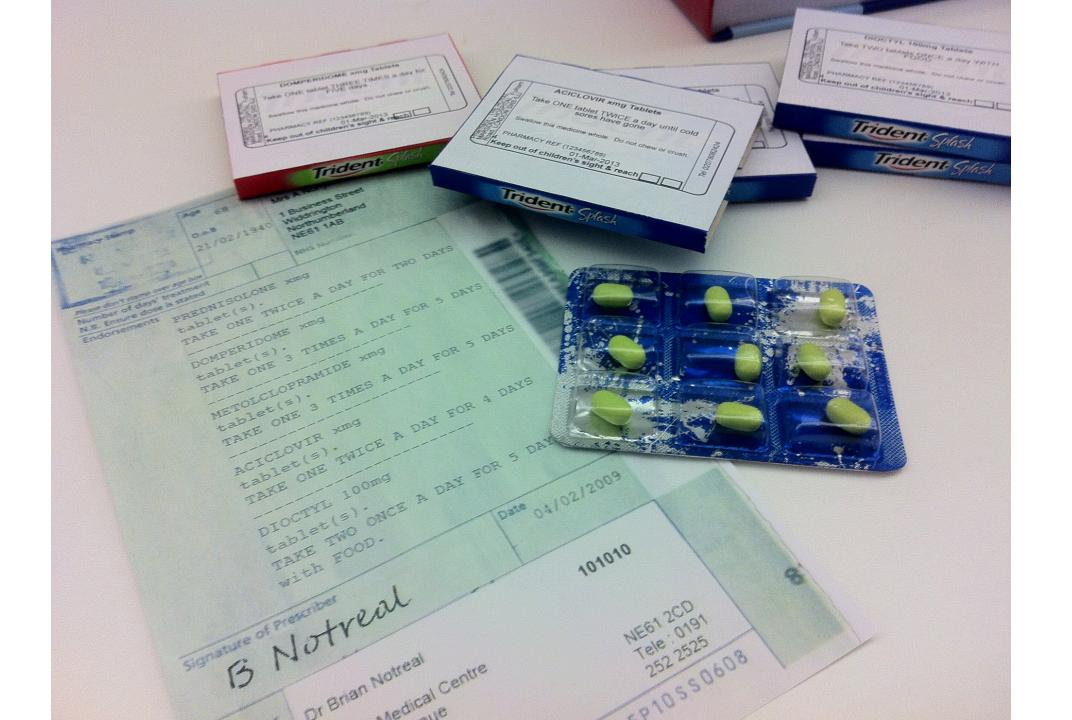












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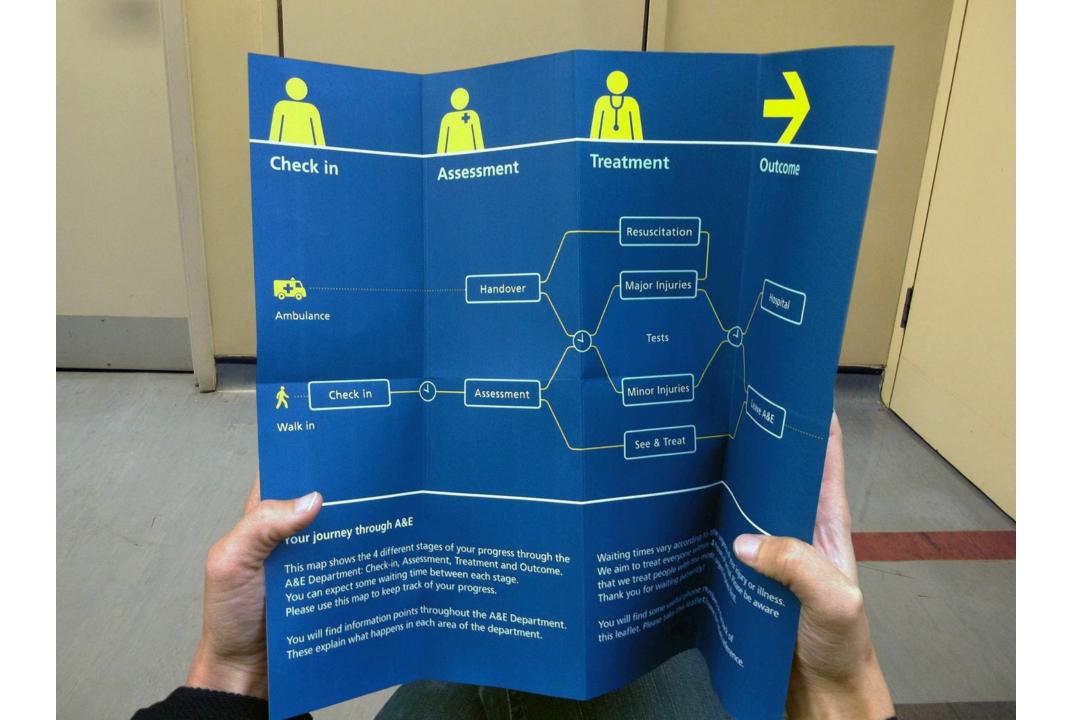




patient needs





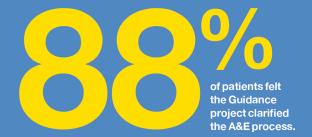












of patients said the improved signage reduced their frustration during waiting times.

Threatening body language and aggressive behaviour fell by 50% post-implementation.

3:1

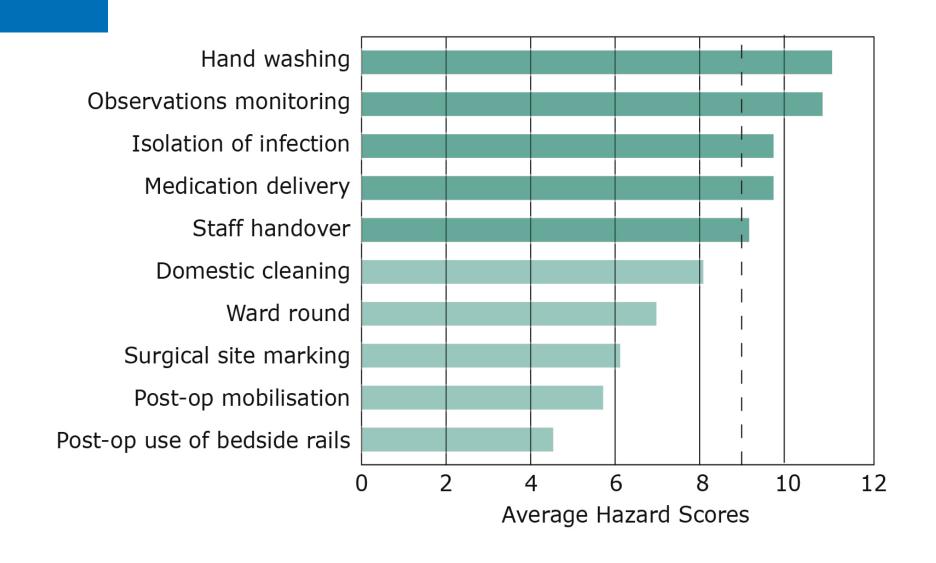
For every £1 spent on the design solutions, £3 was generated in benefits.



Patients' complaints relating to information and communication fell dramatically post-implementation.



HAZARD SCORES







Clinical trial

Hand hygiene compliance increase x3

Correct use of gloves increase x3

Correct use of aprons was 67% with the CareCentre and 0% without

CareCentre implementation will help reduce healthcare associated infections.







Flomark TM THE DRIP REDESIGNED







Approximately wastage of US\$ 3.98 per patient per 24-hours infused.¹

Staff time wasted on calculations & inefficiencies

Extended patient stay



^{1.} http://www.varori.co.za/infusion_problem.htm



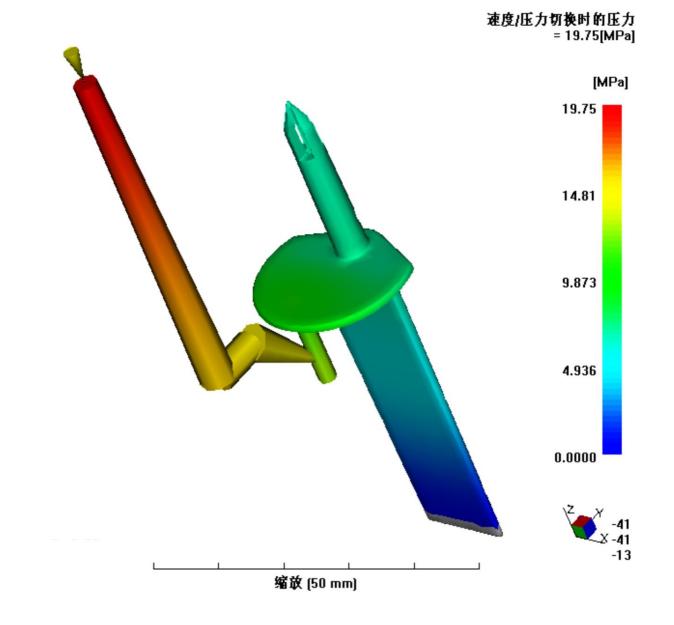
Design for manufacture

Trials

Regulatory

Licensing

Links with procurement



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Subjects Truth Inspiration **Traditional** Market Research Empathic Research Derived from presentation by Martin Bontoft (IDEO)

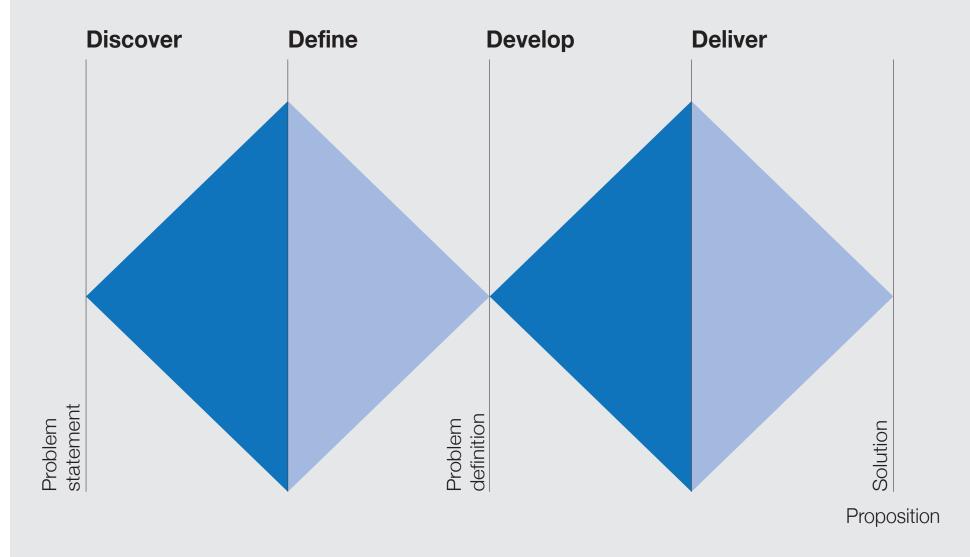
Conclusions

Double diamond approach

Map out stakeholders

Bespoke research tools

Demonstrate economic and clinical value



Thank you



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