EVALUATION OF

DEMONSTRATION PROJECT FOR DIGITAL HEALTH ECOSYSTEM WALES

RESOURCE TRACKING AT ROYAL GLAMORGAN HOSPITAL

Sue Rawlings & Pauline Heffernan RHCS

Evaluation Planning

- Identified required outcomes
- Identification of benchmarks against which to make comparisons
- Regular contact with project team and partners
- Identification of KPIs and relevance to evaluation

Activities so far

- Initial project phase – site visits
- During implementation: ongoing contact with partners
- Consideration of existing data from RGH
- Consideration of external research
- Production of benchmarking report

Challenges

- Significant delays in implementation
- Busy hospital staff with little time to spare
- Scope widening from 250 items to 650 + patients
- Issues around confidentiality and sharing of data

Challenges

- Data issues re receipt and format
- Working within a tight budget over an extended period of time

What would we do differently?

- Spend more time understanding the scope and capacity of the system and data flow
- Be involved with “show and tell” events
- Advocate more involvement of front line staff in project development

Early Results

Positive:

- Able to track tagged equipment through Ktrack system
- Can see where patients are located in A&E easily at a moment in time…….

RHCS
EFFECTIVE, ETHICAL EXPERTISE

Hwb Gwyddorau Bywyd | Cymru
Life Sciences Hub | Wales

Cyflymu Accelerate

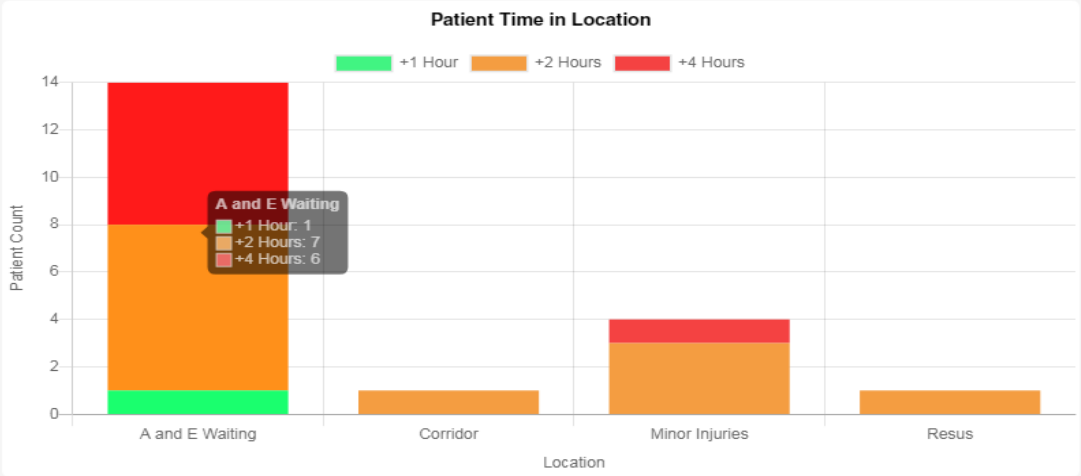
Cronfa Datblygu Rhanbarthol Ewrop
European Regional Development Fund

EIDC Ecosystem Iechyd Digidol Cymru

DHEW Digital Health Ecosystem Wales

Patients

Live: Date: 01/07/2019 Mon Jul 01 2019



Daily Patient Count

194

No. of Patients in A&E

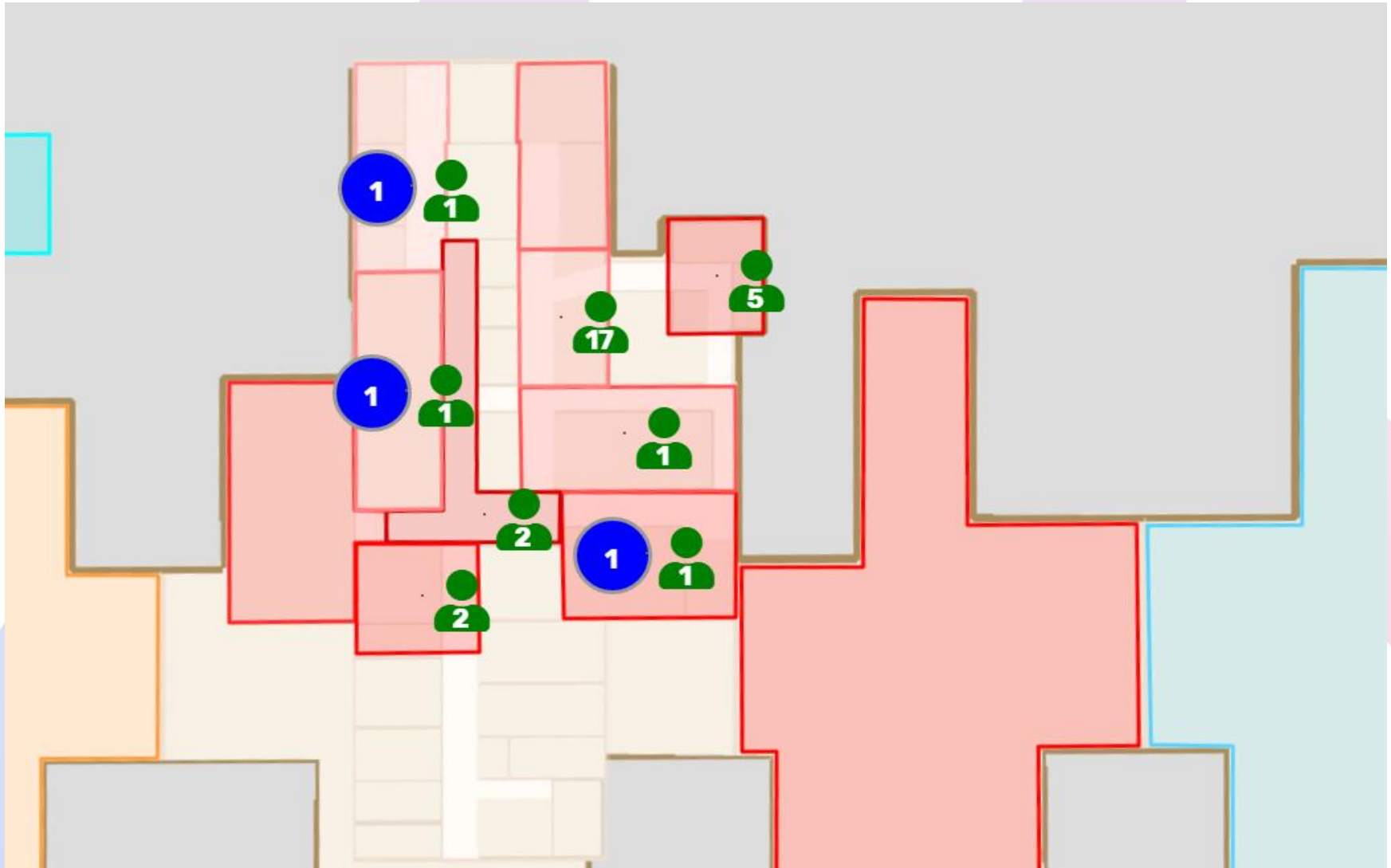
30

No. of Patients Waiting Over 4 Hours

7

Longest Patient Wait Times

Patient ID	Location	Time in Location (Hours)
PAT 6	A and E Waiting	4
PAT 5	A and E Waiting	4
PAT 7	Minor Injuries	4
PAT 11	A and E Waiting	4
PAT 23	A and E Waiting	4
PAT 13	A and E Waiting	4
PAT 3	A and E Waiting	4
PAT 8	Minor Injuries	3
PAT 24	Resus	3
PAT 16	A and E Waiting	3
PAT 31	Corridor	3
PAT 18	Minor Injuries	3


1
1
17
5
1
1
1
2
1
1
2

Early Results

Issues:

- Unable to identify what is in repair bay within equipment library

- Unable to comment on beds within bedstore

Success Factors

- Good partnership and team working
- Flexibility of team
- Commitment from RGH to make it work

Mapping against Evidence Standards Framework

This pilot is a Tier 1 Digital Health Technology

i.e Has no measurable patient outcomes but which provides services to the health and social care system

Whilst there may be improvements to patient experience, it would not be possible to directly attribute patient outcomes to this system.

THANK YOU FOR LISTENING

ANY QUESTIONS?