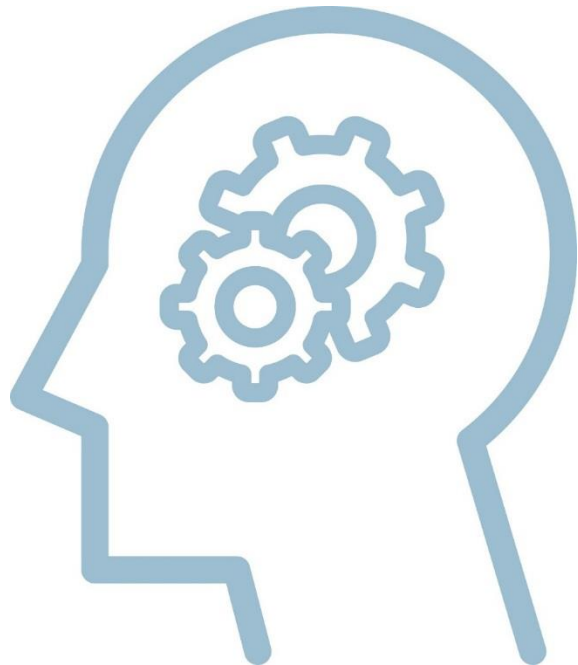


# Principle Six

## Maintain Competence



Michelle Kirrane-Scott

“Maintain and improve your knowledge, skills and competence throughout your professional career in order to safely deliver and continually improve patient care. Undertake appropriate learning and development activities to maintain and develop your competence and your professional performance. Keep your professional knowledge and skills up to date over the course of your career, to reflect the changing nature of healthcare and the roles carried out by pharmacists. Apply this knowledge and skill in decision making to ensure safe and effective care for the patient”





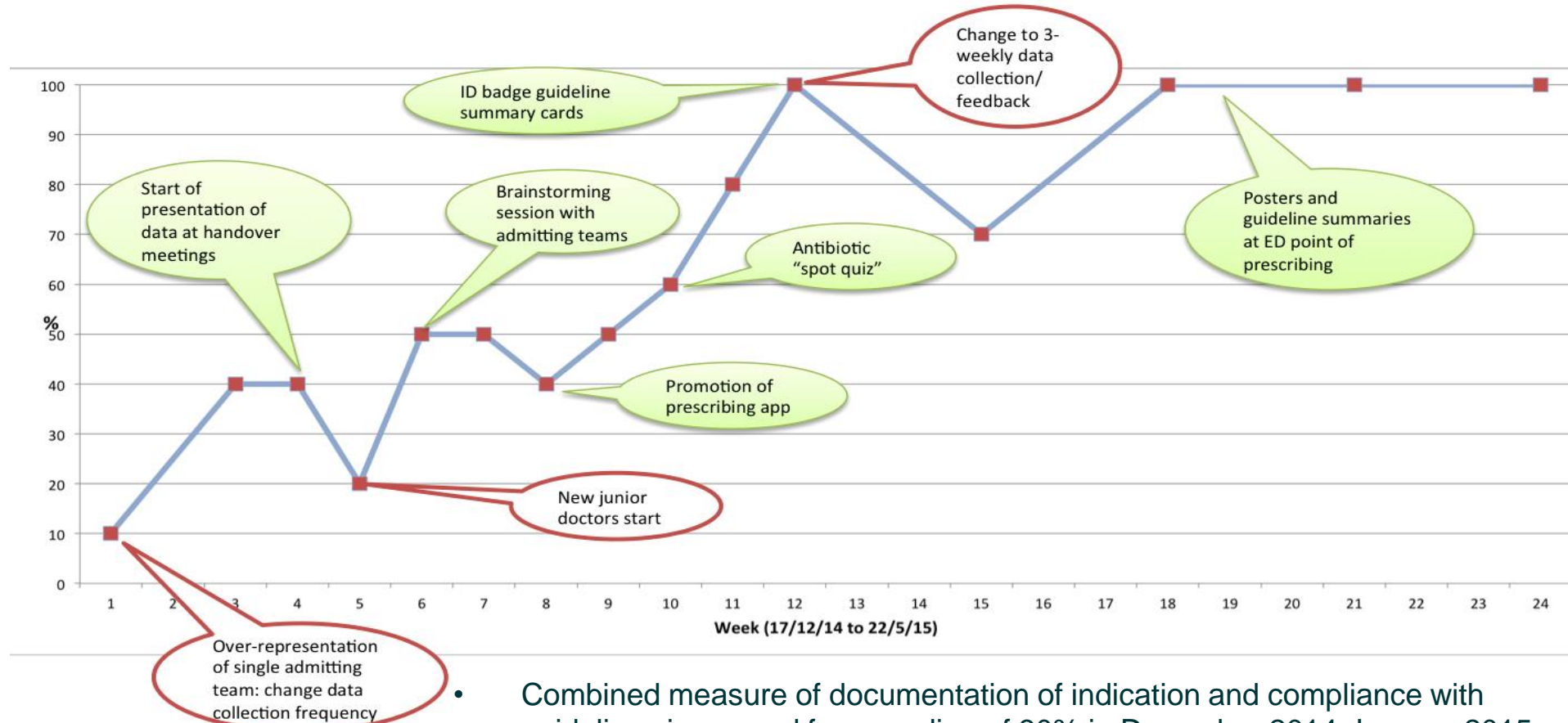


Royal Manchester  
Children's Hospital **Charity**

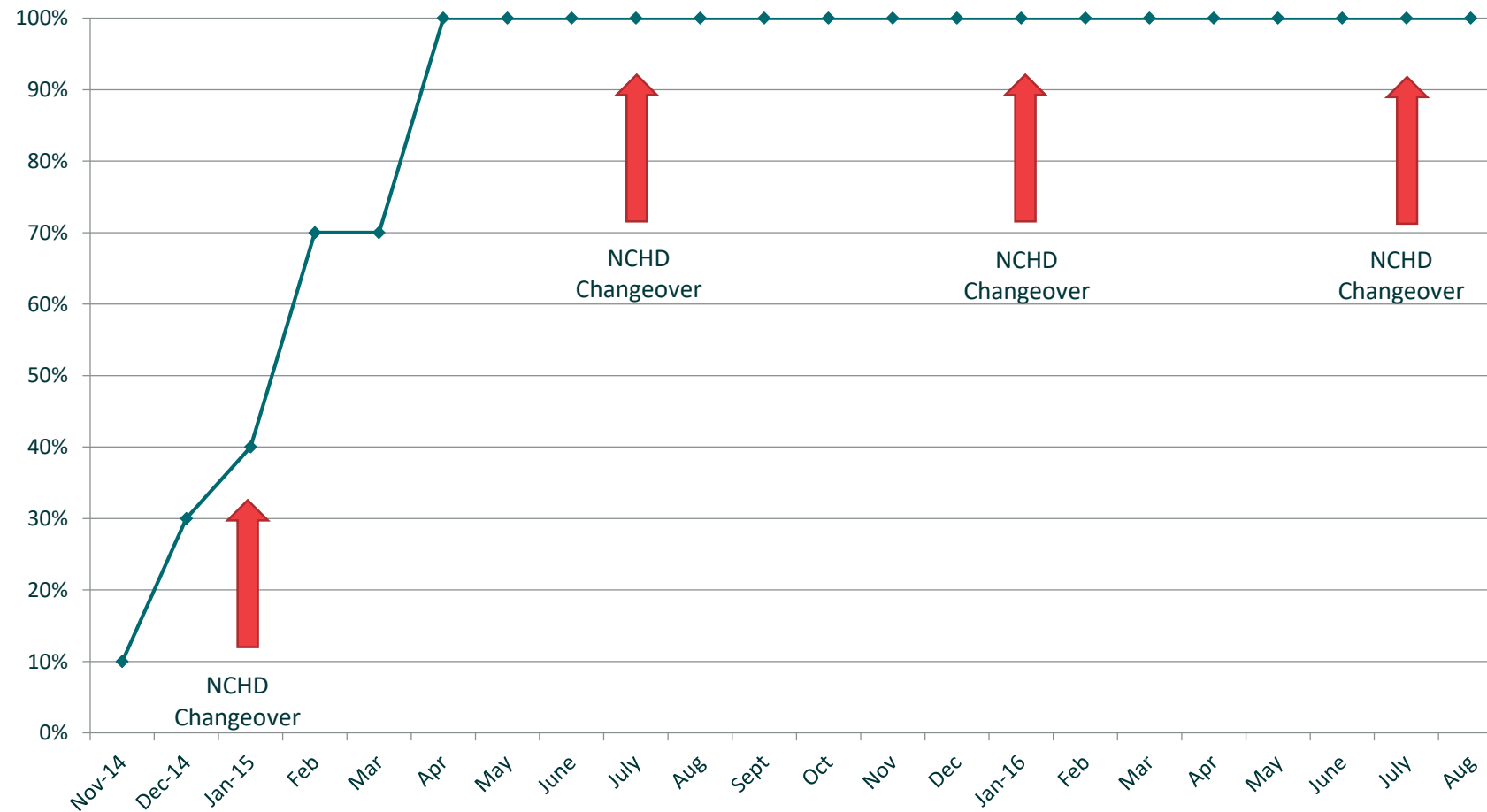




# Indication documented and guideline compliant (Dec 2014-May 2015)



## Monthly proportion of indication documented & guideline compliance for audited prescriptions, Dec 2014 to Aug 2016











# IIOP

INSTITIÚID CÓGAIŚÍOCHTA NA hÉIREANN  
IRISH INSTITUTE OF PHARMACY

## Practice Review Policy

Title:	Practice Review Policy
Version:	4.0
Effective Date:	21/09/2017
Review Date:	21/09/2018
Author:	Michelle Scott, Irish Institute of Pharmacy
Approved By PSI Council	Date: 21 September 2017

### What does Practice Review involve?

#### Standardised Pharmacy Interactions (SPIs)



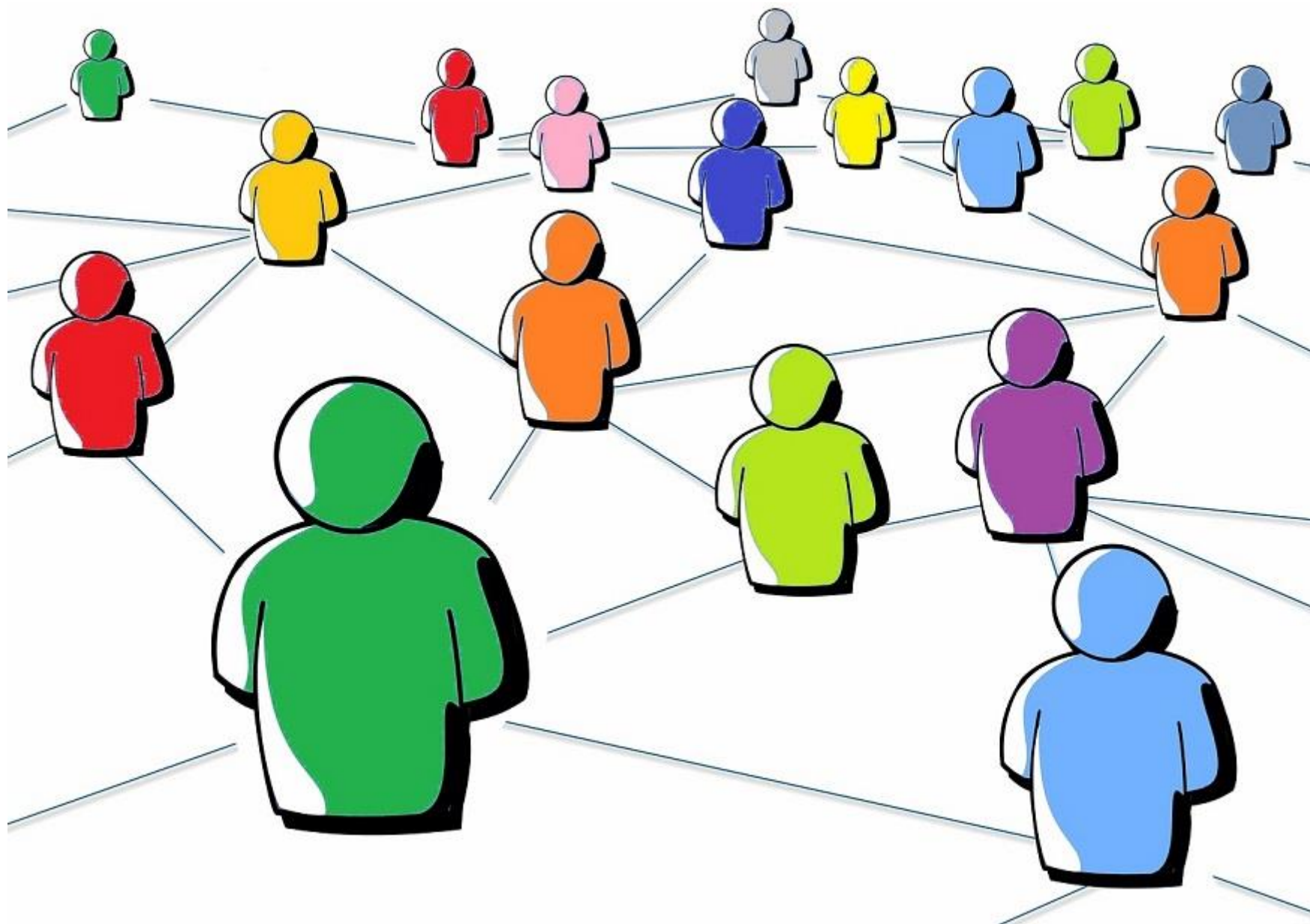
#### • PHARMACY "CASES"

- Gathering Information
- Management Strategies (including patient education)
- Communication (including counselling) skills

1. Scenarios written and reviewed by peer pharmacists practicing in patient-facing roles
2. Designed to be reflective of interactions between pharmacists & patients/healthcare professionals
3. Baseline competence
4. Not trying to catch you out!



The SPI is not designed to review legal practice relating to the practical dispensing skills including labelling of medication, prescription types, drug schemes and reimbursement of medication, medication costs...etc.



# Where am I now?

- Simulation Manager, Royal College of Surgeons in Ireland





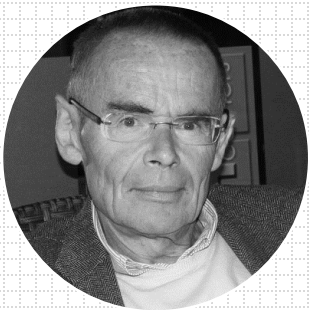
# BEHIND THE SCENES



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# MEET THE TEAM



**Prof. Jim Murray**  
Director



**Clare Sullivan**  
Senior Simulation  
Technician



**Rebecca Kirrane**  
Simulation  
Technician



**Caoimhin O'Conghaile**  
Simulation  
Technician



**Simon Horne**  
Operations  
Co-Ordinator



**Michelle Scott**  
Simulation  
Manager



**Adam Roche**  
Simulation  
Technician



**Miroslav Voborsky**  
Simulation  
Technician



**Tim Lawler**  
Simulation  
Technician



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## Irish Education Lab of the Year 2019



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In 2018, the Simulation Team welcomed



Undergraduate  
medical students

1,800

Members of the  
Institute of Leadership

320



Dublin Fire  
Brigade  
Paramedics

60

Schoolchildren

600



Surgical Trainees

774



Emergency Medicine  
Trainees

73

General Practice

*Irish Institute of Pharmacy*

*Surgery* **Paediatrics**

Undergraduate Medicine Exams

*Obstetrics & Gynecology*

OSCES

**Exams**

**Undergraduate Medicine** MRCS

Postgraduate Nursing

***Surgical Affairs***

*Institute of Leadership*

Undergraduate Pharmacy

***Physician Associates***

**Faculty of Radiology**

Undergraduate Physiotherapy

*Faculty of Dentistry*



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# WHO WE WORK WITH



- Acelity
- Cochlear
- CAE Healthcare
- Boston Scientific
- Irish College of Ophthalmology
- Irish Hospital Supplies
- Johnson & Johnson
- Marion Surgical
- Medtronic
- Memorial Sloan Kettering
- Olympus
- Royal College of Physicians in Ireland
- Smith & Nephew
- Storz
- Tekno Surgical



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# OTHER EVENTS



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# OTHER EVENTS



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# OTHER EVENTS



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# OTHER EVENTS







There are...

# 3,300<sub>m<sup>2</sup></sub>

of simulation space across the top 3 floors

3<sup>rd</sup> - 10 OP/ GP Rooms, Patient Lounge + Tutorial Rooms

4<sup>th</sup> - 8 Hospital Rooms, Mock OR, Task Training Room + Tutorial Rooms

5<sup>th</sup> - Wet / Dry Lab for Surgical Skills Training + 50 seater auditorium



**RCSI**

Leading the world  
to better health

100 different clinical skills

over the course of the year. And we support them all!





We order from a  
range of about

**600**

different consumable  
items



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# BEHIND THE SCENES

We create models from  
**synthetic** and  
**biological**  
material



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# MANIKIN TRAINING



~250

Manikin-based  
patient scenarios  
run this year



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Our CAE Lucina maternity  
simulators have delivered  
over **600 babies**  
between them this year



Super Tory breathes,  
cries and moves like  
a **real baby**





There are **70** Learning Space cameras in the building



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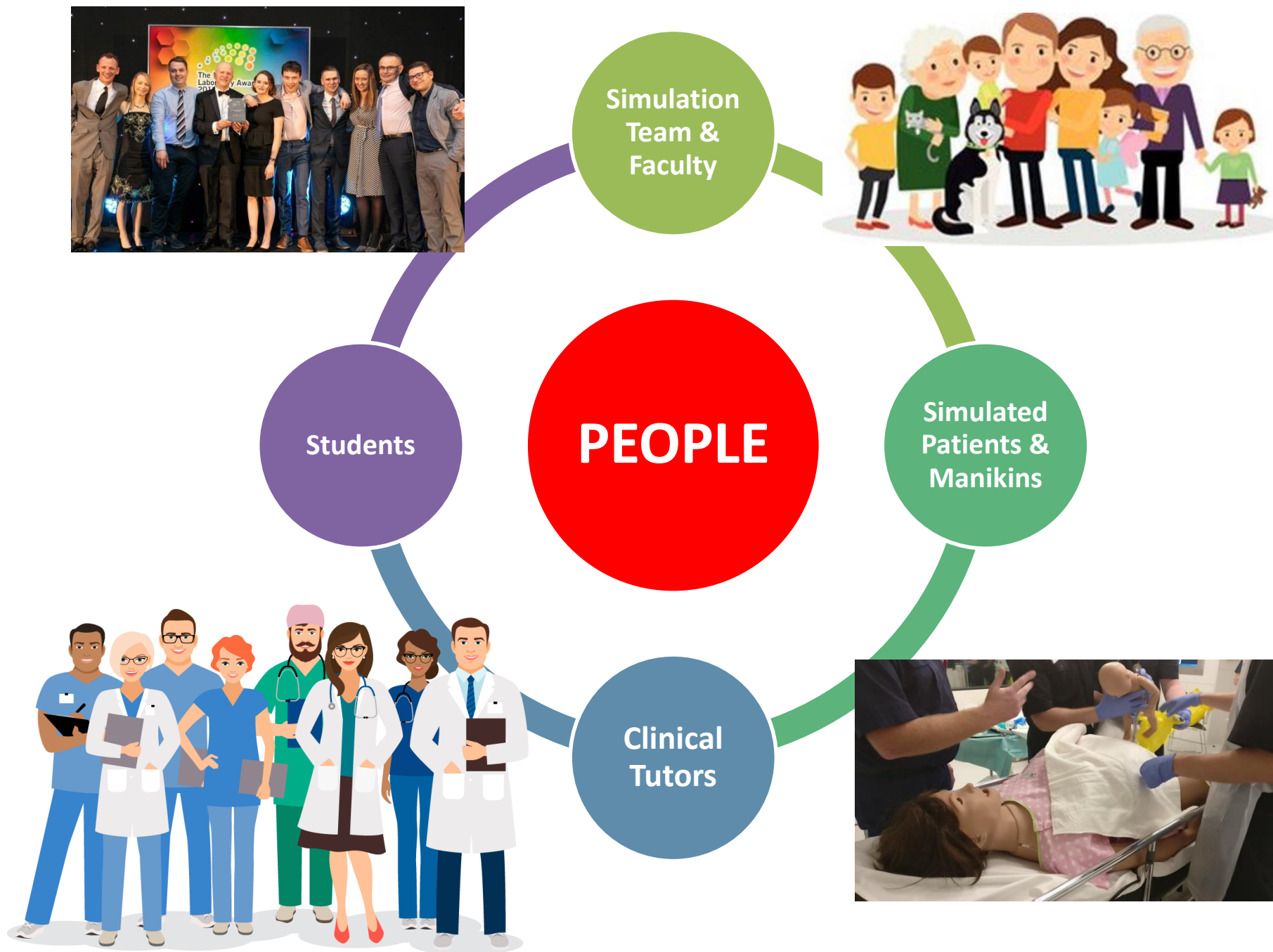
There were over **1,000 hours**  
of simulated patient encounters this year.

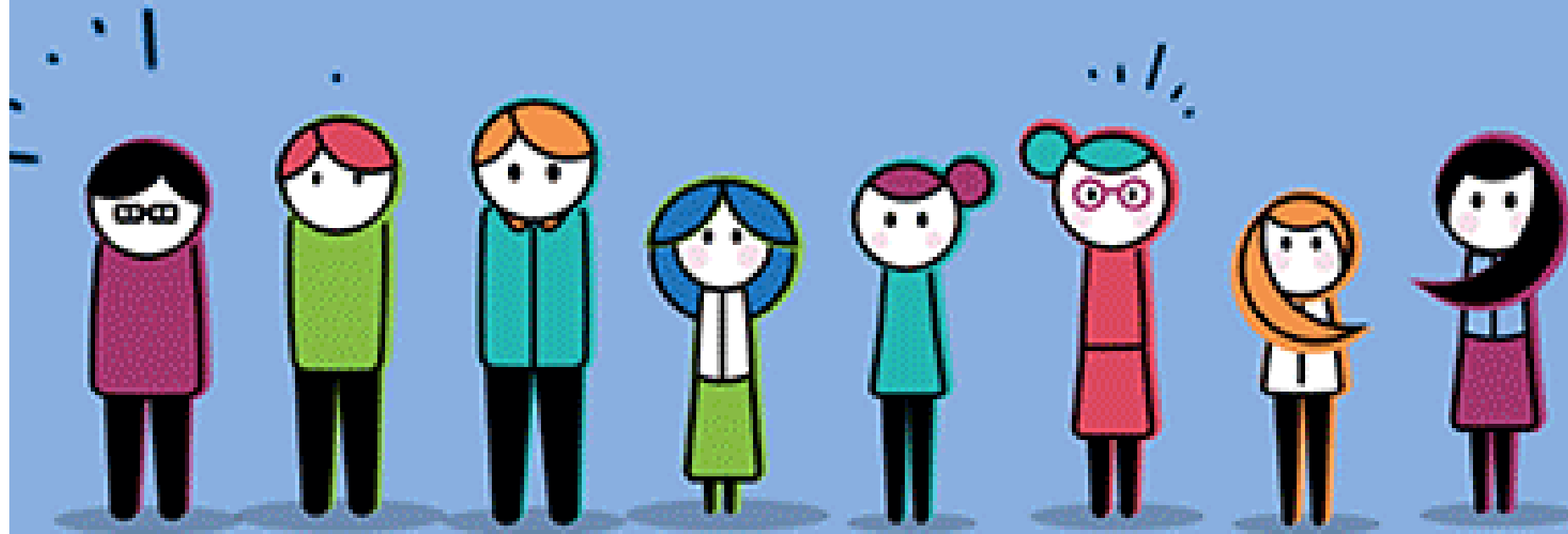


## Facilities and Technical Capability

- These floors together combine to give us over 3300 square metres of best in class clinical experiential learning facilities
- cover the full continuum of simulation training
- provide opportunities for an immersive and an emotionally rich education experience
- equipped with the latest technology to enable students & trainees to record and capture their learning;
- Self reflection, peer review or to receive feedback and guidance from faculty







# PATIENTS

Finn, 1 year old

32 Interventions in just 6 hours

Six attempts to insert cannula by  
an experienced clinician



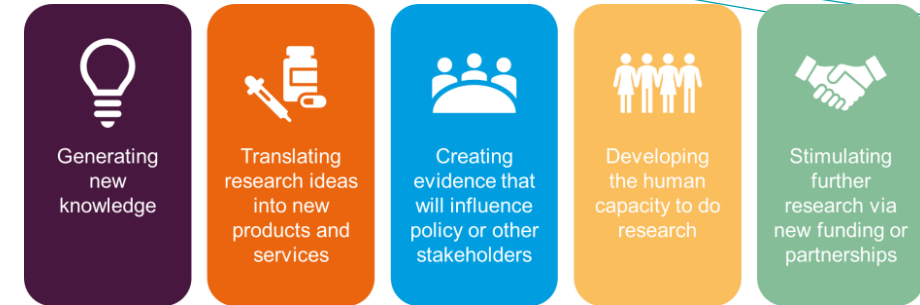
We have an opportunity to make a difference through simulation based education & learning to improve this experience for both healthcare professionals and patients through high fidelity experiences in a **safe learning environment.**







# A healthcare professional & the inside story



- HEA Innovation & Transformation Award – New centre for Simulation Based Education & Research in Ireland
- Building networks, partnerships & outreach programmes
  - sharing meaningful experience & telling the story
  - Translating impact on patient care or clinician wellbeing
  - Evidence of impact on student & healthcare professional performance
- Simulation Department – common thread – opportunity to bring disciplines together
- Bringing stories to life – patient focus
- Remember the impact of Human factors – an awareness of the healthcare working environment and all of it's quirks (Interruptions, challenging characters, high risk procedures)





## Maintain Competence...

Maintain and improve your **knowledge, skills and competence** throughout your professional career in order to **safely deliver and continually improve patient care.**

Undertake appropriate **learning and development** activities to maintain and develop your competence and your professional performance.

Keep your professional knowledge and skills **up to date** over the course of your career, to reflect the **changing nature** of healthcare and the roles carried out by pharmacists.

Apply this knowledge and skill in decision making to **ensure safe and effective care for the patient.**

# What does this mean for me?

- Inextricable link with patient safety
- Education & Training
- National Clinical Care Programme
- Effective team and departmental management
- Keep knowledge & skills up to date
- Understand my limitations
- Opportunities for personal growth, learning and development
- Always thinking about how links back to my role as a pharmacist – changing landscape

## Paediatric Prescribing

Calculations of drug doses depend on age, weight or surface area of a child

All drug charts must have a recent weight and DOB

Confirm weight is correct & up to date

Weight-based doses should not exceed the recommended adult dose

e.g. Cefuroxime:  
50mg/kg  
Max dose is 1.5g  
Child >30kg (~9yrs)



The correct doses should be checked in the current BNFc or local guidelines





# COMPETENCE



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# PERSONAL GROWTH

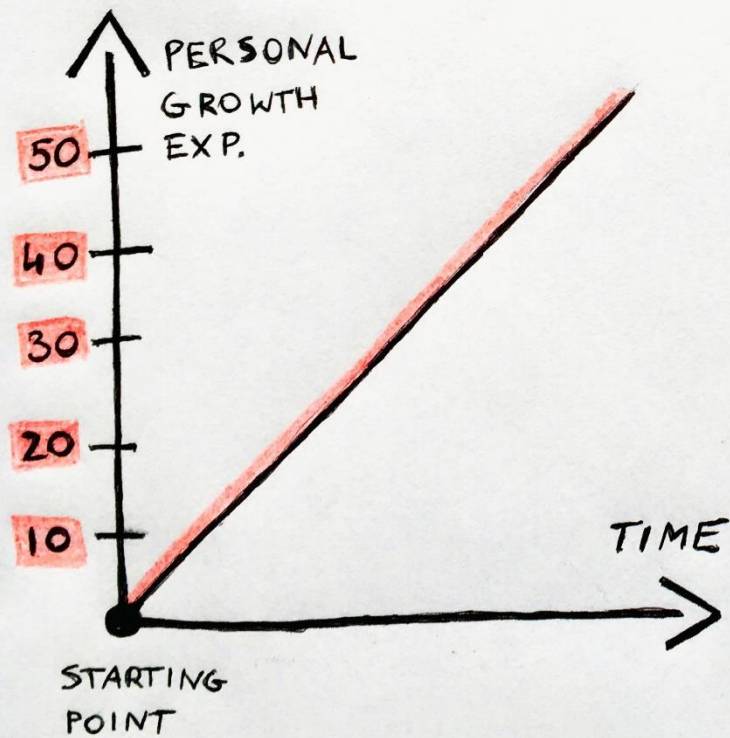


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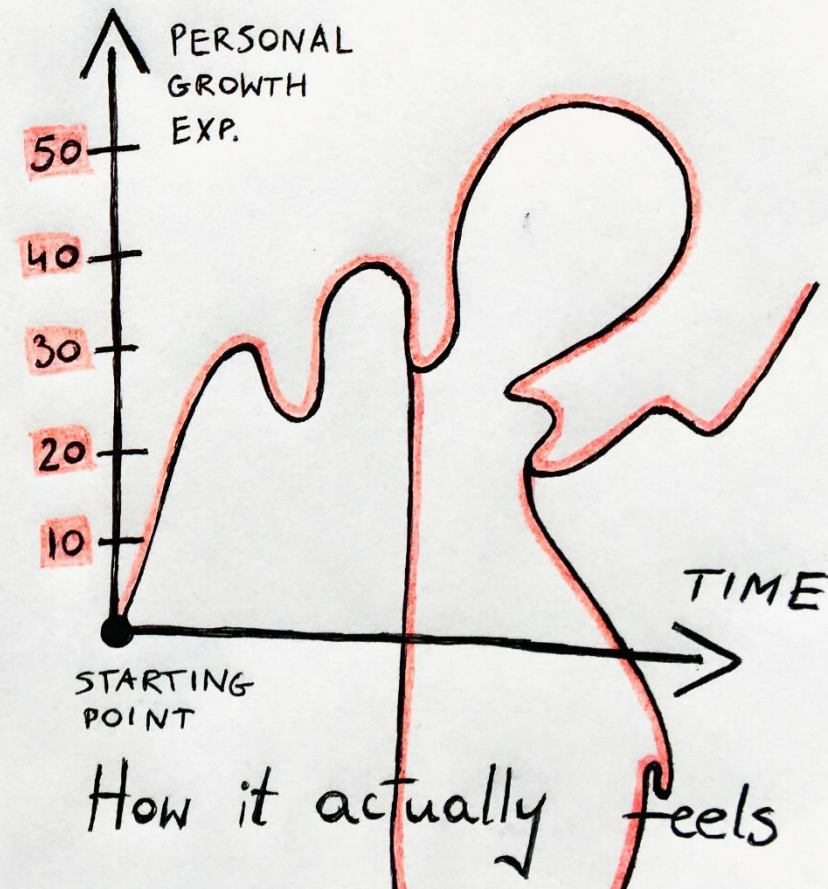


# PERSONAL GROWTH

— progress curve



How you imagine it



How it actually feels







# Thank you

## Any questions?

