

moic

Medicines Optimisation Innovation Centre



Smarter Medicines Better Outcomes

Your speakers

Cathy Harrison
Deputy Chief Pharmacist
Department of Health



Professor Mike Scott
Director
Medicines Optimisation Innovation Centre (MOIC)
Director of Pharmacy and Medicines Management
Northern Health & Social Care Trust

Smarter Medicines Better Outcomes

to-reach

National Round Table Consultation

Smarter Medicines Better Outcomes



Medicines use in Northern Ireland



1.8m people



More than £550m per year



More than 40m items



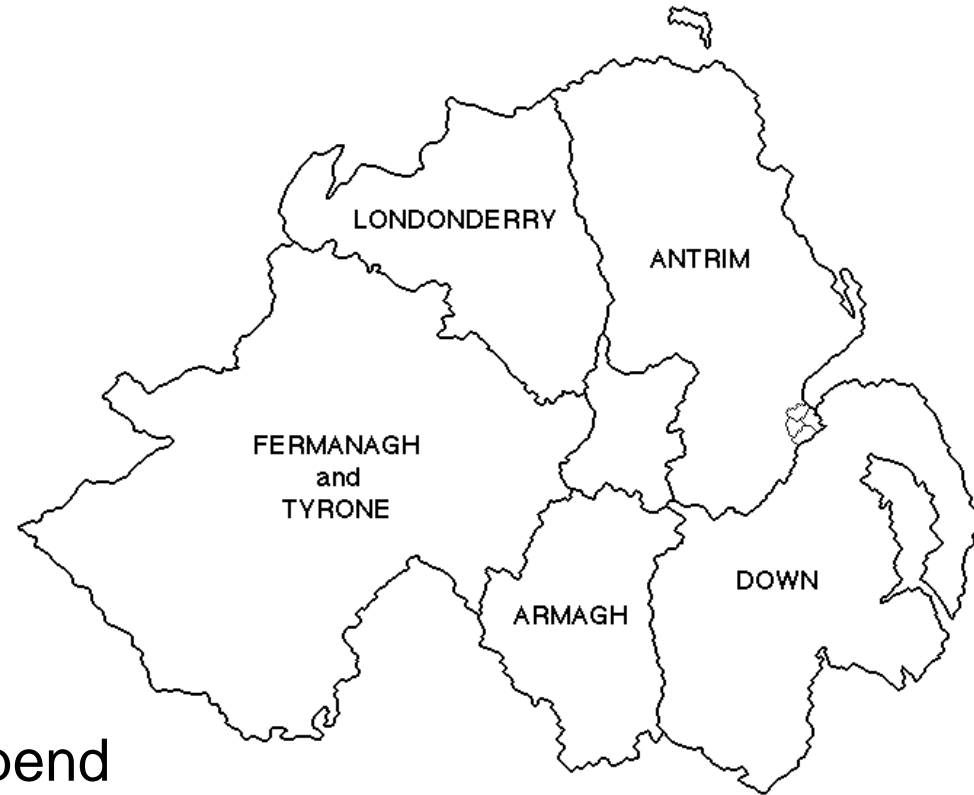
Accounts for 12% of HSC spend



19.9 items per head



Increase of 5% each year



Sub-optimal outcomes from medicines

3-6% of hospital admissions due to adverse effects, rising up to 30% in the elderly

1 in 15 hospital admissions are medicine related with two thirds being preventable

1 in 20 GP prescriptions contains an error

30-50% non-adherence to prescribed medication

2.5 million doses are administered in the average acute hospital (215,000 errors)

In the UK it is estimated that such errors cost £770M*

Variance of practice

* 2007 figure

Smarter Medicines Better Outcomes

Medicines Optimisation

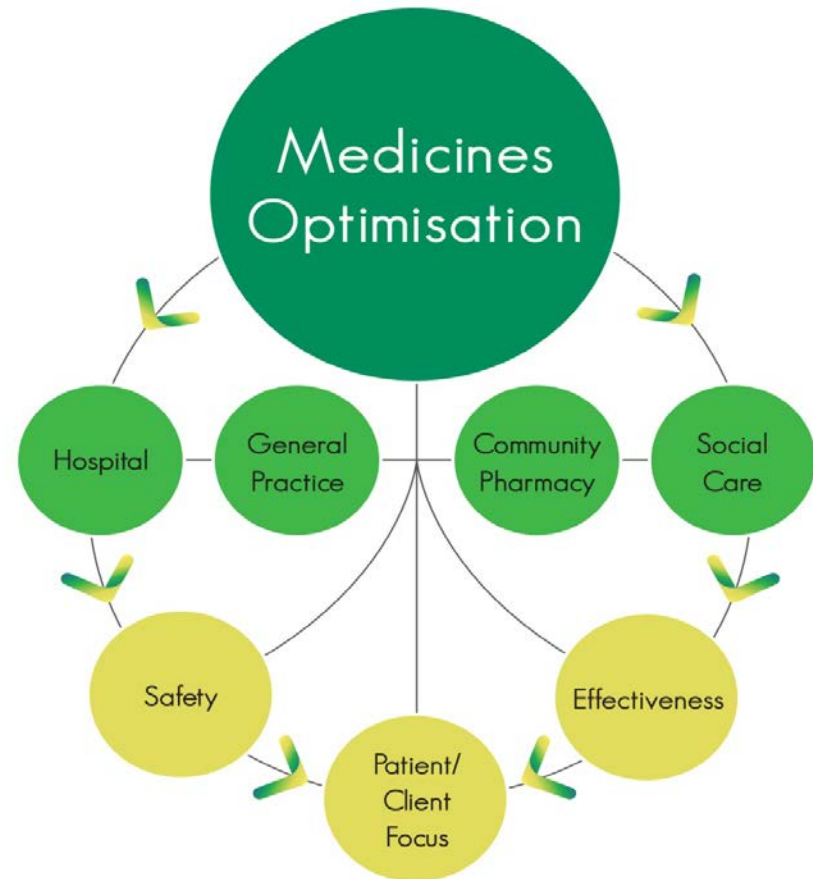
“a person centred approach to safe and effective medicines use to ensure the best possible outcomes from their medicines”

Definition by NICE

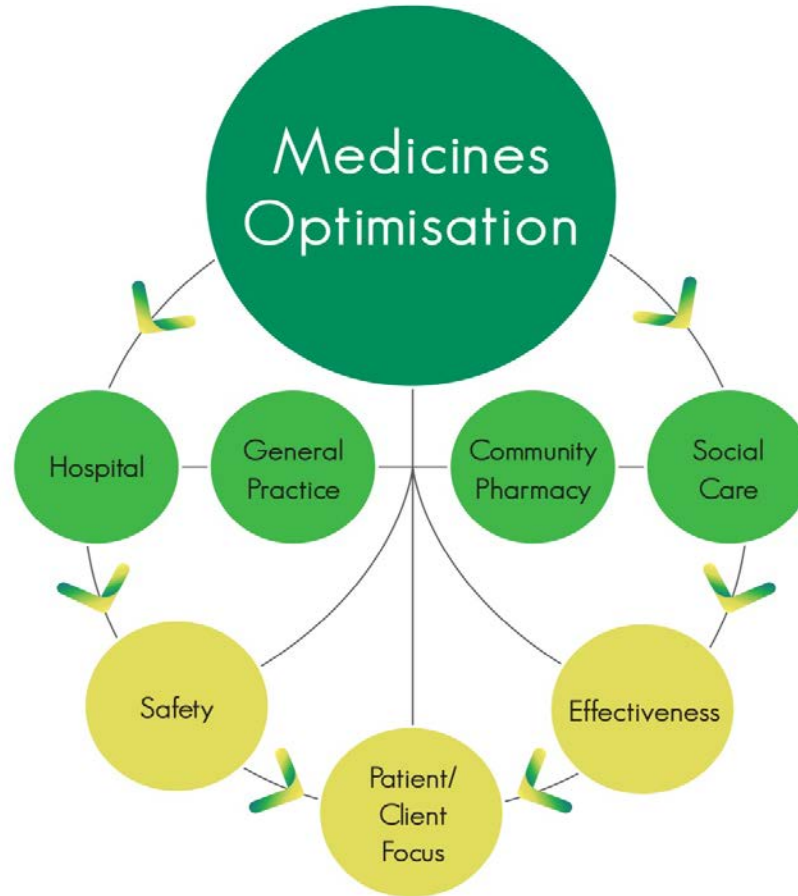
Smarter Medicines Better Outcomes

Medicines Optimisation Quality Framework

Developed in response to the need to gain better patient outcomes from medicines and ensure effective use of healthcare resources, uses the Medicines Optimisation Model.



The Model



Smarter Medicines Better Outcomes



Principles

- Big Scale - system wide improvement
- Identify, test, scale up and spread good practices and reduce variance
- Seek solutions combining right people, right service, right technologies
- Agility – evaluate -if it works - accelerate
- Adopt an outcomes based approach
- Embed quality improvement and innovation
- Increase involvement

Enablers

- Workforce development – Pharmacists
- Service design
- Agile, evaluative processes
- Technology
- Co-production, partnerships and knowledge transfer
- Procurement
- Funding

Our priorities for implementation

Support better adherence with prescribed medicines

Improve polypharmacy management

Reduce harm for high risk patients and medicines

Support safer transitions of care

Improve adverse drug event reporting and learning

Increase knowledge, capacity and skills in health literacy

Optimise the use of medicines resource within the HSC

Closing the gap



Smarter Medicines Better Outcomes

Medicines Optimisation Innovation Centre



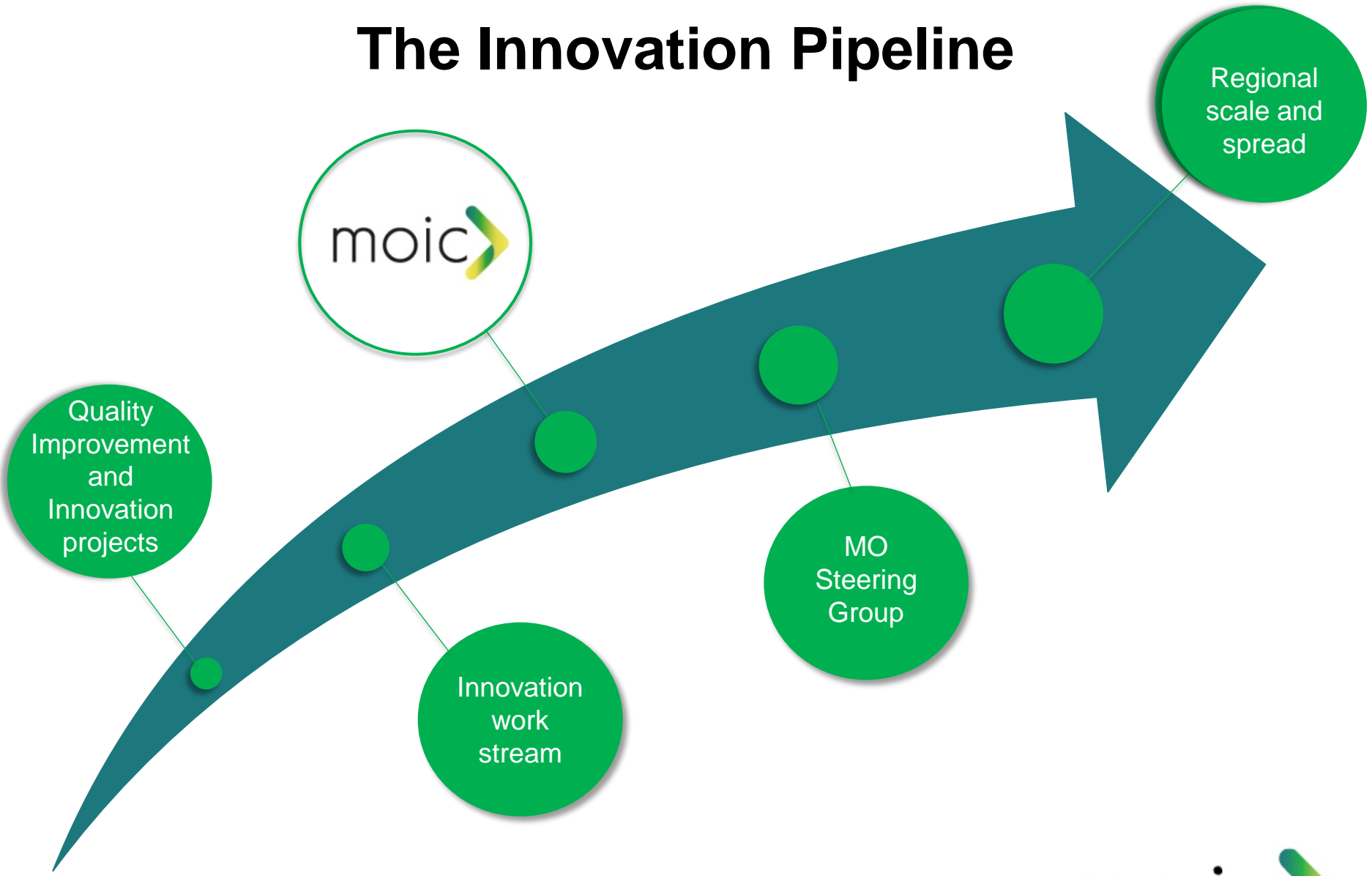
Smarter Medicines Better Outcomes

- › Research
- › Knowledge transfer
- › Quality Improvement
- › Innovation

Smarter Medicines Better Outcomes



The Innovation Pipeline



Smarter Medicines Better Outcomes