digitalhealth REWIRED LONDON 14-15 MARCH 2023

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SystemC& Graphnet Care Alliance

tpp

MARC DONOVAN

Director of Healthcare Development
Boots UK

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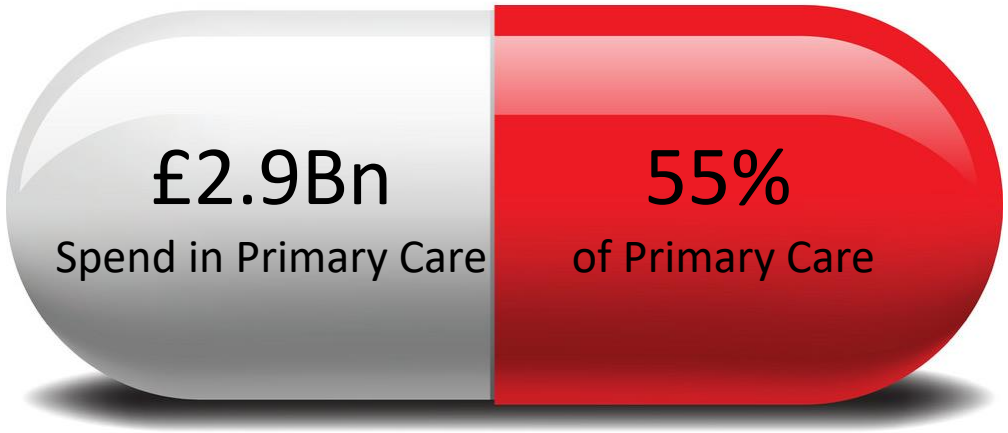
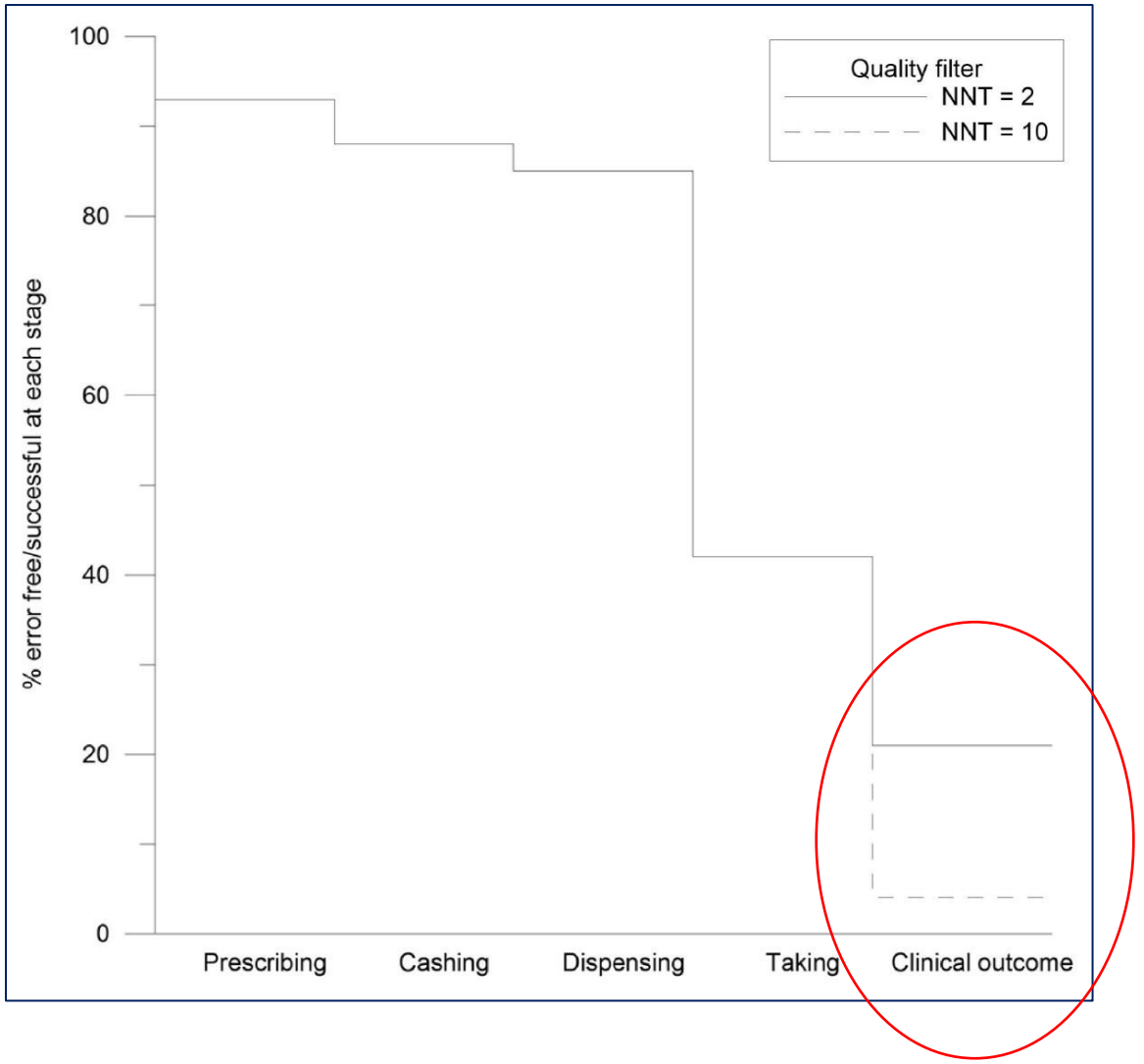
Using Technology to improve Patient Safety in Pharmacy

Boots UK

Why is it important?





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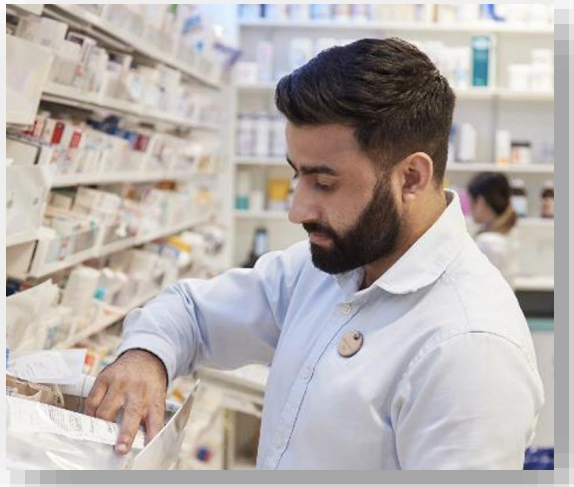
1. NHS BSA 2021
2. Quality of medication use in primary care - mapping the problem, working to a solution: a systematic review of the literature. Garfield et.al. BMC Medicine 2009

Adherence
+
Data

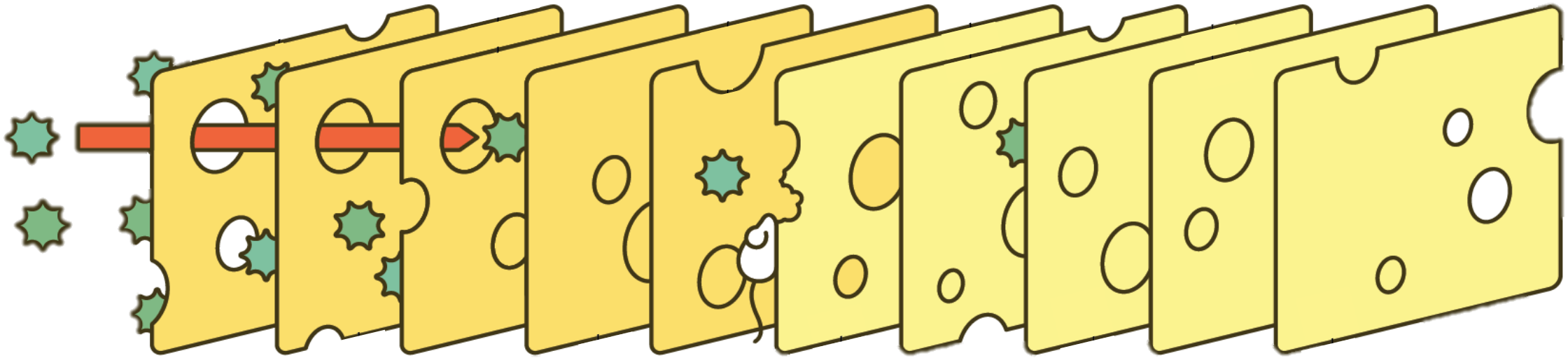


Technology
+
Automation
+
Operations

Human Factors

System Factors

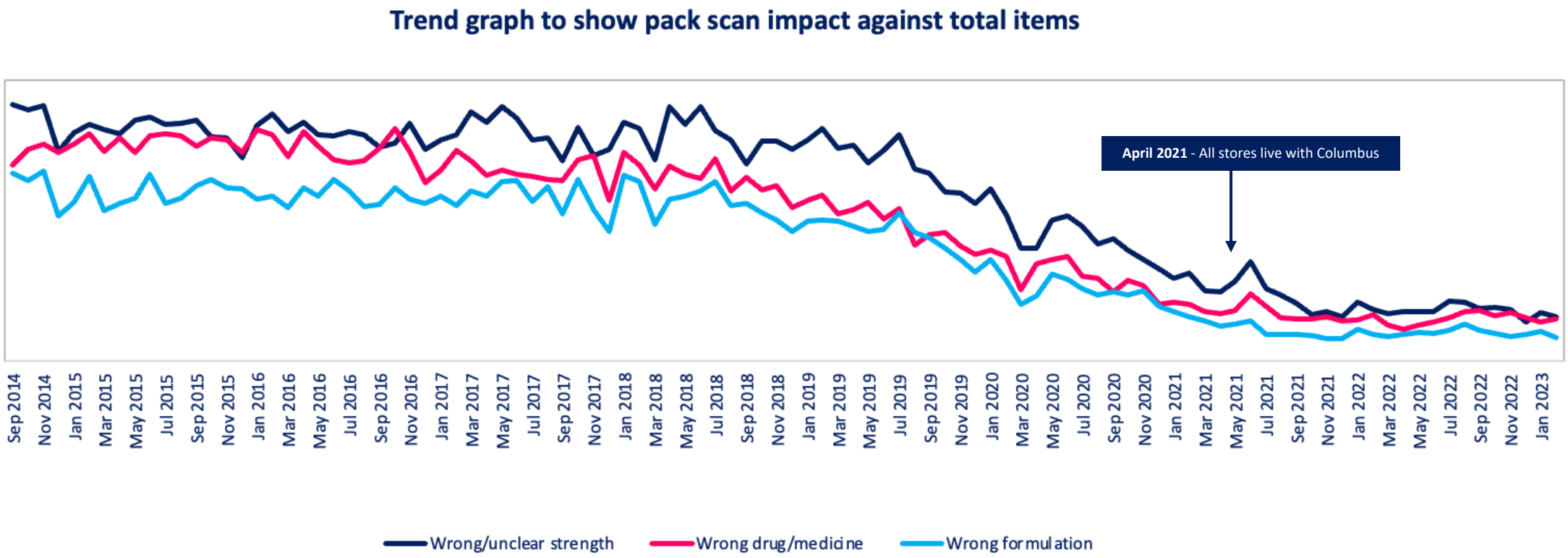
Care



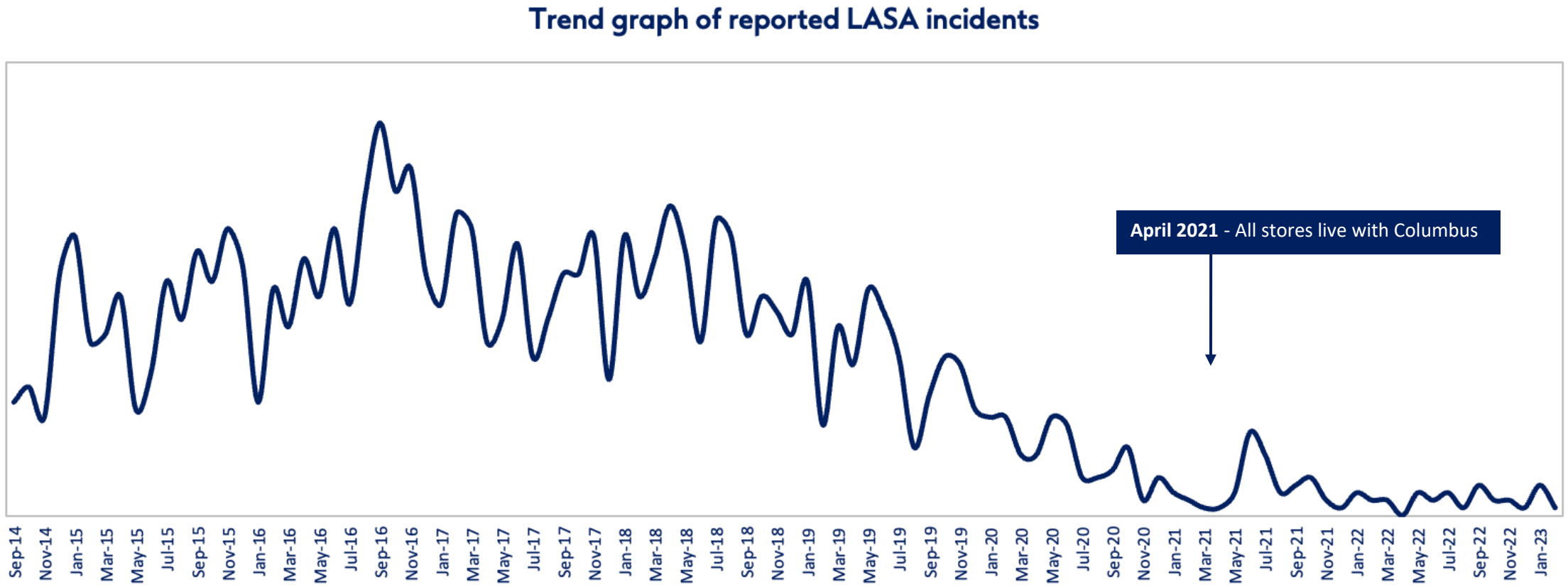
Look Alike Sound Alike (LASA) mistakes

NHS LASA drugs
Propranolol and prednisolone
Amlodipine and amitriptyline
Carbamazepine and carbimazole
Rivaroxaban and rosuvastatin
Atenolol and allopurinol

Look Alike Sound Alike (LASA) mistakes



Reduction in errors with improving technology



Optimising use of medicines in the future

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How to develop technology to improve patient safety

How to use data to improve adherence and enable better care

How to use technology to reform a profession's place in Primary Care

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