

The Cardiff Parkinson's Service: A 10-year journey

Chris Thomas
Consultant Geriatrician

2009

The Service

- Traditional outpatient model
- Based at Rookwood Hospital, Cardiff

The Team

- 1 Consultant Geriatrician/Physician
- 1 PD Nurse Specialist
- 1-2 Registrars
- 1 visiting pharmacist

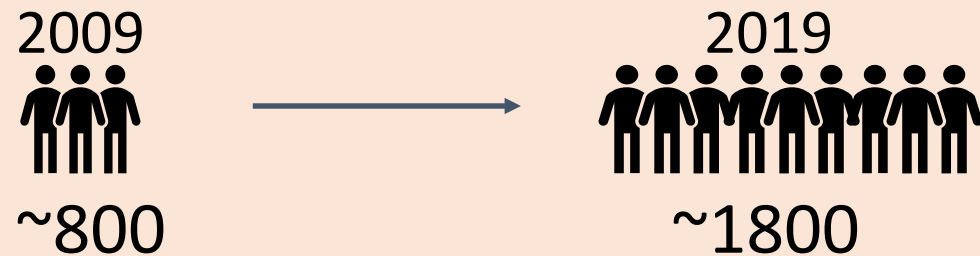
The clinic

- Weekly 1 session
- Total number ~800
- 30-40 'slots' per clinic
- Paper notes (kept on-site)

2009

Challenges

- Growing patient numbers



Limited resource



Opportunities

- 2 new consultants
- Excellent links with Multi-disciplinary team
- Emerging technologies
- Support from clinical & managerial colleagues

Clinic Dev

Pump primi
post (Pa

Initiation
(care ho

Training

Parkinson

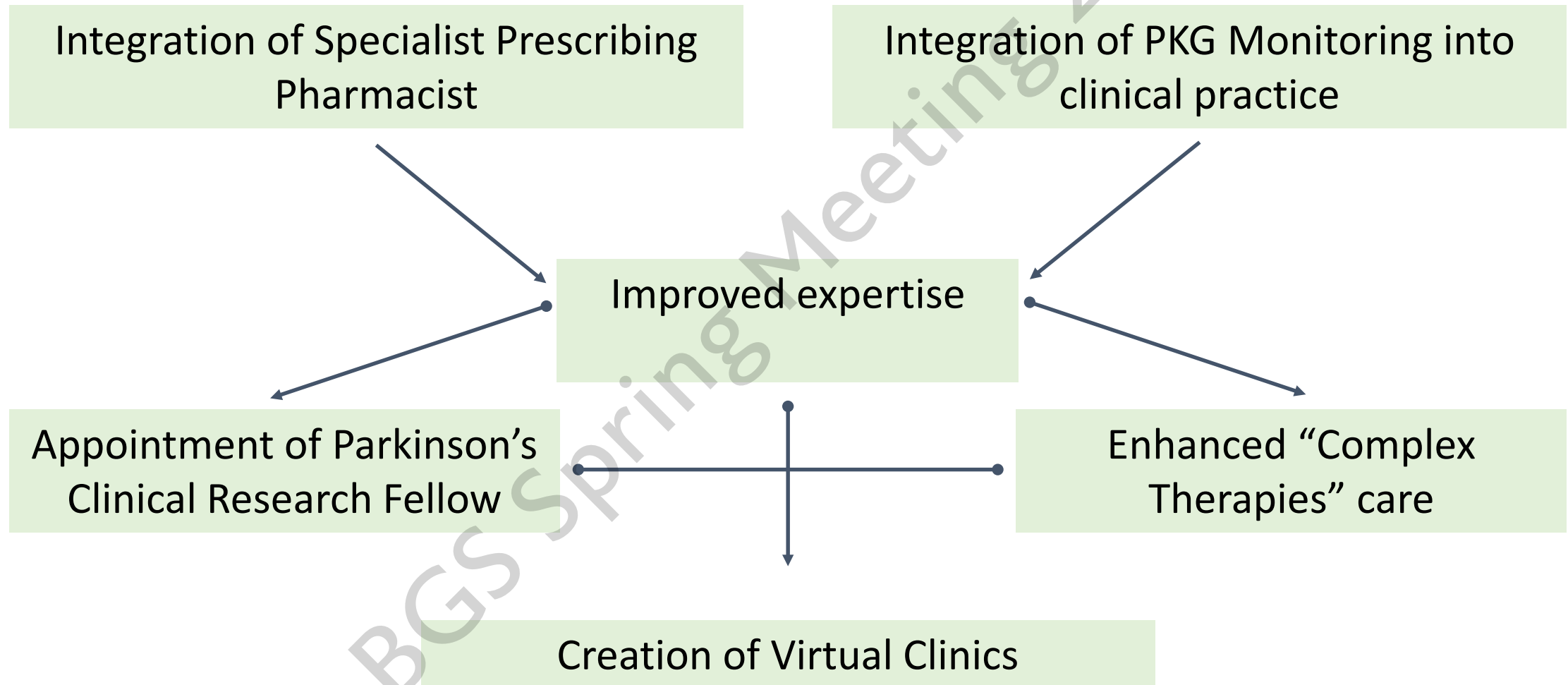


phino effect 1

on of
database

Enhanced collaboration
with Cardiff University
School of medicine
School of Pharmacy

Clinic Developments – the domino effect 2

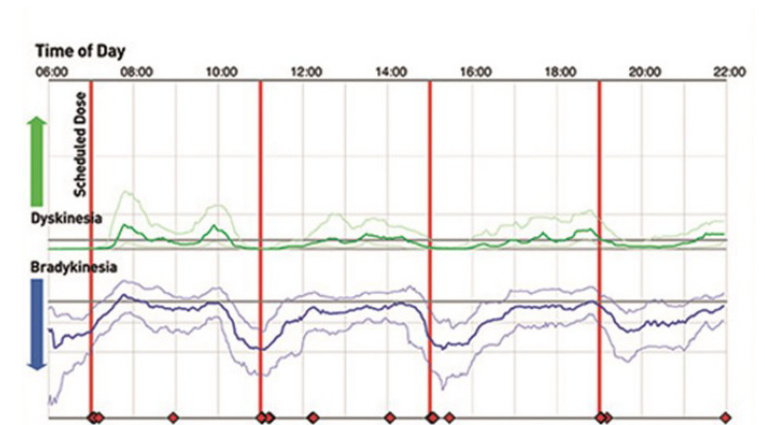


Virtual Clinics

Patient selection from those under follow up for Parkinson's

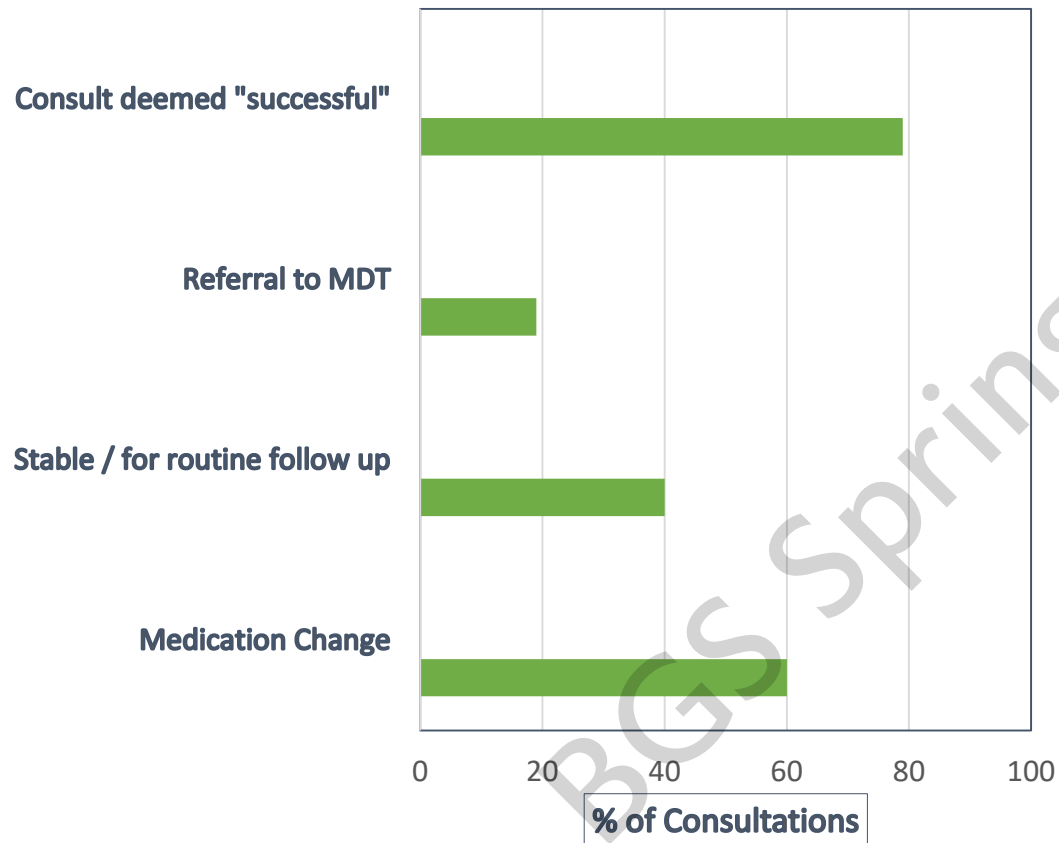
PKG Monitor sent out in post & worn for 1 week

VC Consult telephone call at arranged time to discuss results and plan

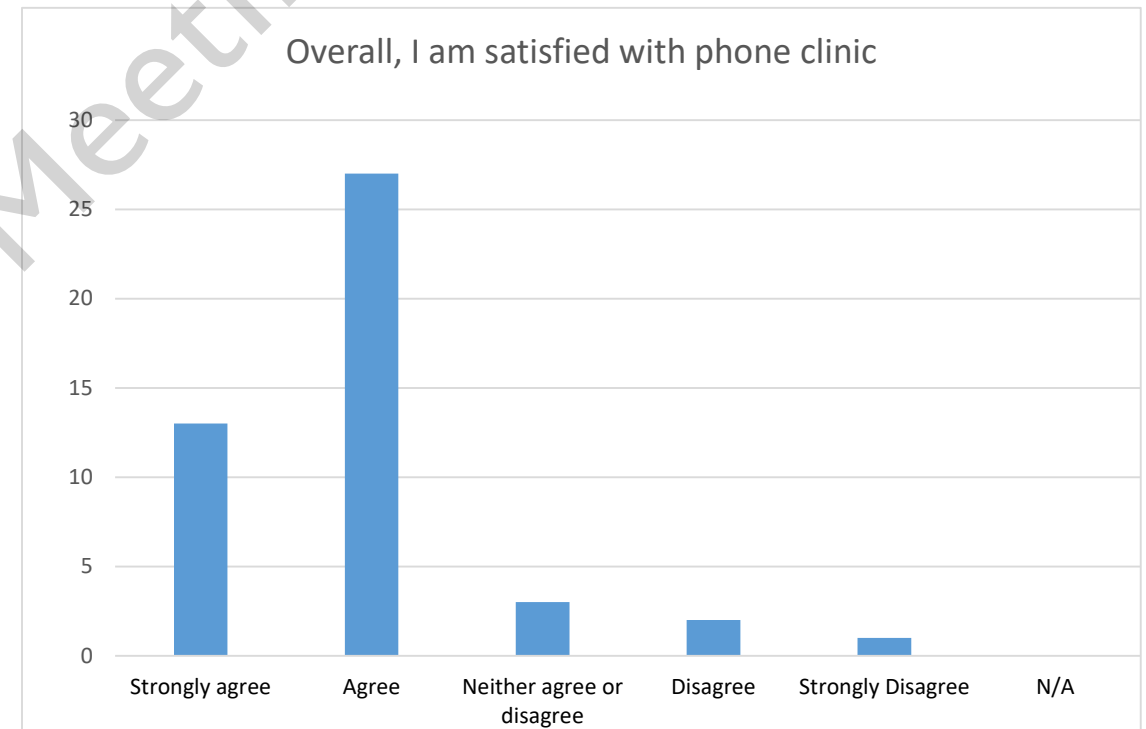


Virtual Clinic Outcomes

- Clinical benefit



- User feedback



Introduction

Acute in-hospital management of People with Parkinson's (PwP) is challenging and often complicated by missed and delayed medication doses. Having standardised guidelines would help with overall management and help drive up the care of PwP admitted to Parkinson's.

Objectives

To undertake a review of acute Parkinson's management across different sites in Wales, a country that is part of the United Kingdom with a population of over 3 million. Investigate if guidelines for management of acute Parkinson's are in place across multiple health boards in Wales. Explore future development of standardized guidelines across all health boards in Wales

Materials & Methods

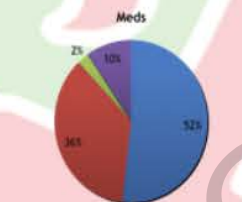
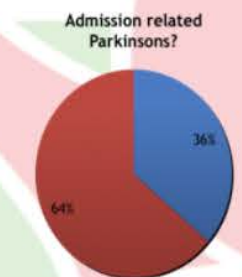
As a Parkinson's Excellence Network project, the authors used an existing network of Geriatric Medicine registrars working in acute hospitals across Wales to collect information on acute management of Parkinson's including nil by mouth guidelines, reasons for admissions, appropriate prescribing of Parkinson's medications and missed doses across a 6 week period. We also explored the existence of guidelines for management of acute Parkinson's disease across Welsh health boards.

Results

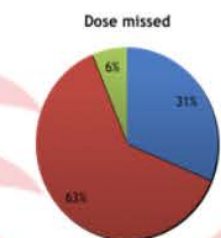
Collected data of 81 patients across Wales in a 6 week period



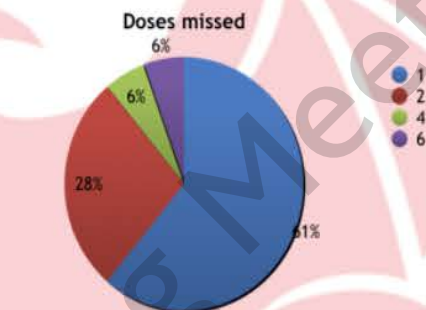
Was the patient referred to the Parkinson's service?



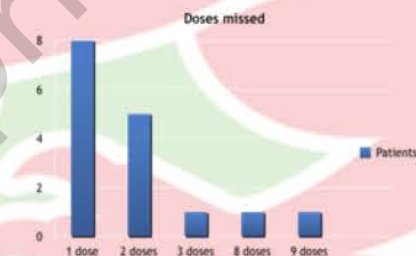
Were Parkinson's medications prescribed appropriately?



Was the first dose of medication missed?

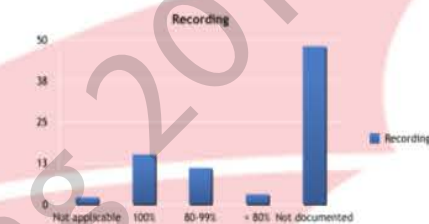


Doses missed in first 24 hours

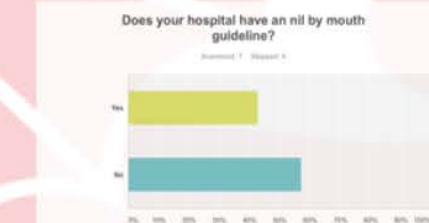


Doses missed in first 2 weeks

ly?



Percentage of medications administered on time, for each patient



Answer Choices	Percentage	Count
Yes	42.86%	1
No	57.14%	4
Total		5



Answer Choices	Percentage	Count
Yes	38.57%	1
No	61.43%	5
Total		6

If so - do you know how to access the guideline?



Answer Choices	Percentage	Count
Yes	28.57%	1
No	14.29%	1
Not applicable	57.14%	4
Total		6

Conclusions

The All-Wales survey showed considerable work needs to be undertaken to establish guidelines in some health boards and further improvements in adherence to guidelines where one is present. It is notable that a countrywide review of acute Parkinson's management has been achieved utilising a pre-existing network of trainee physicians. This should provide a template for further works of research and service improvements.

The present.....The future

- Enhancement of Day Hospital
 - Improving and expanding “New Diagnosis Days”
 - Broadening scope of medical interventions (e.g. osteoporosis management)
 - Complex therapy selection, initiation and monitoring
 - Pending appointment of second Clinical Research Fellow
- Integration of clinical psychology into routine care
- Expansion of remote / virtual clinics
- Strengthening the role of Day Hospital as a critical hub for chronic disease management

Thankyou

BGS Spring Meeting 2019