

Headline Sponsors:





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Interim Chair of Council, Faculty of Clinical Informatics Locum Medical Doctor, NHS Clinician-who-codes



A new chapter

- Prototyped in lung cancer at Gloucestershire Hospitals NHS Foundation Trust
- Now implementing for Haematology and prostate cancers at Oxford University Hospital NHS Foundation Trust



Systemic Anti-cancer Therapies

- 21,000 anti-cancer drug prescriptions in March 2022 alone in Oxfordshire
- Routine blood tests needed on average every 3 months
- Serious side effects of these therapies - ranging from heart attacks to bone marrow suppression
- 134 vacant oncology and haematology consultant posts across NHS in 2019-2020



Anti-cancer drug management

- Patients surviving longer due to new and improved anti-cancer drugs
- Management of these patients and their treatment is becoming impossible due to:
 - Sheer numbers of patients
 - Understaffing
 - No digital system to aid in the task

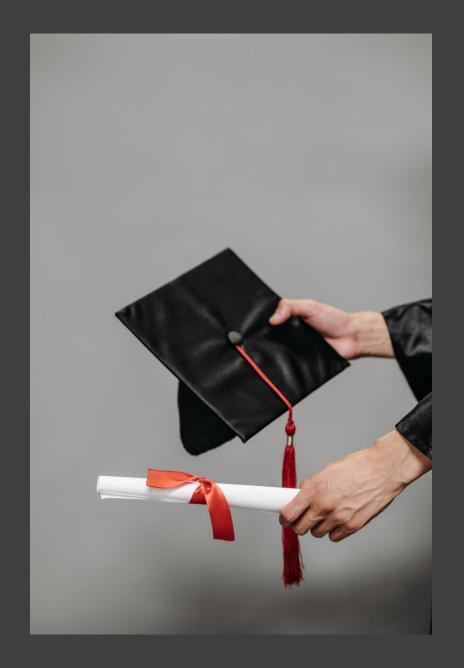


Why not digitise and Automate?

- Reminder Clinical Decision Support System (CDSS)
- Blood test requesting
- Blood test review
- ePrescribing

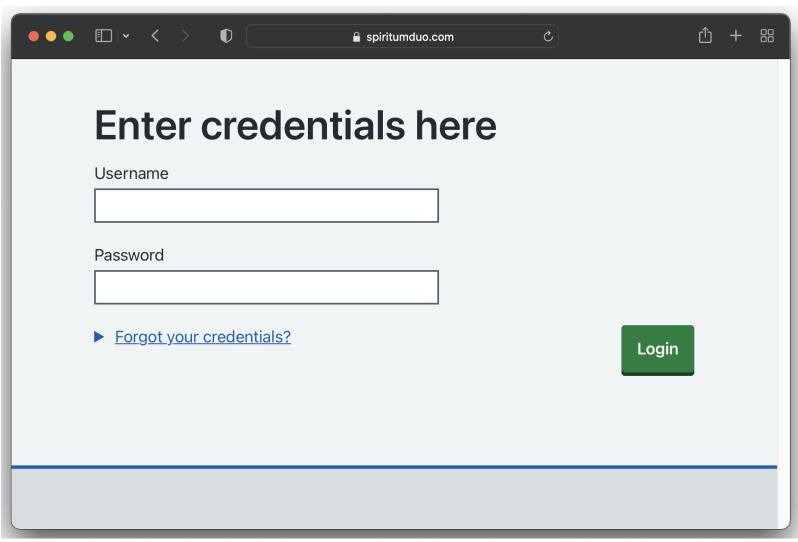


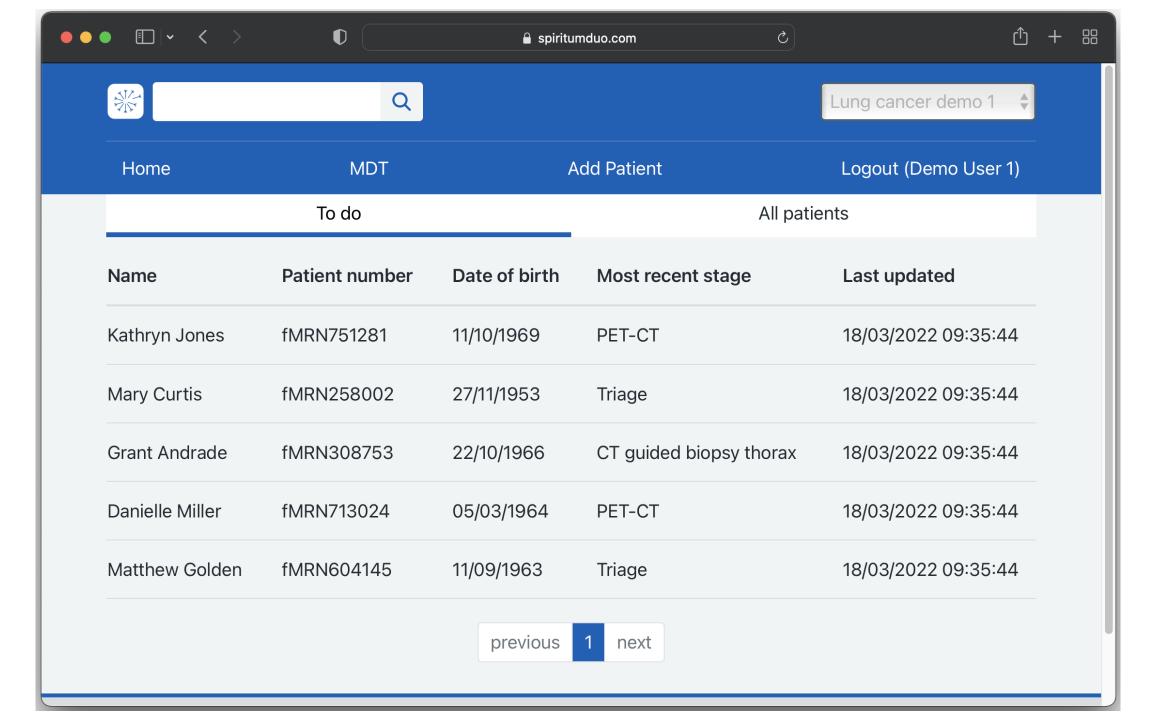
MSc from NHS Digital Academy



Spiritum Duo - Cancer Pathways 2.0







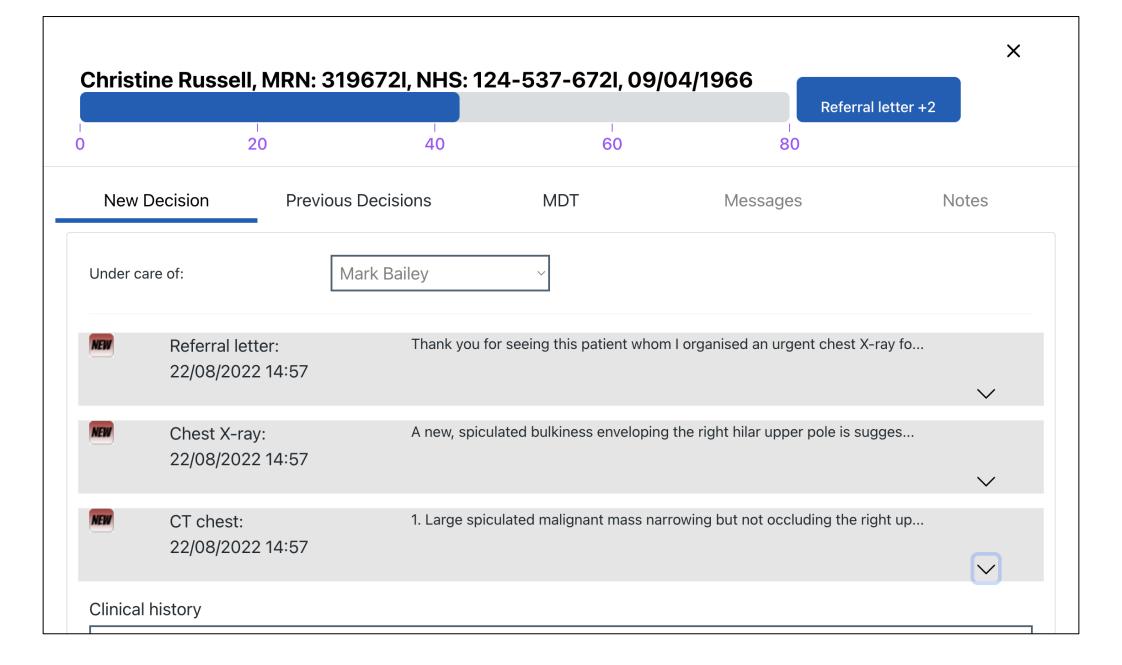


Get medical help

111 online can tell you:

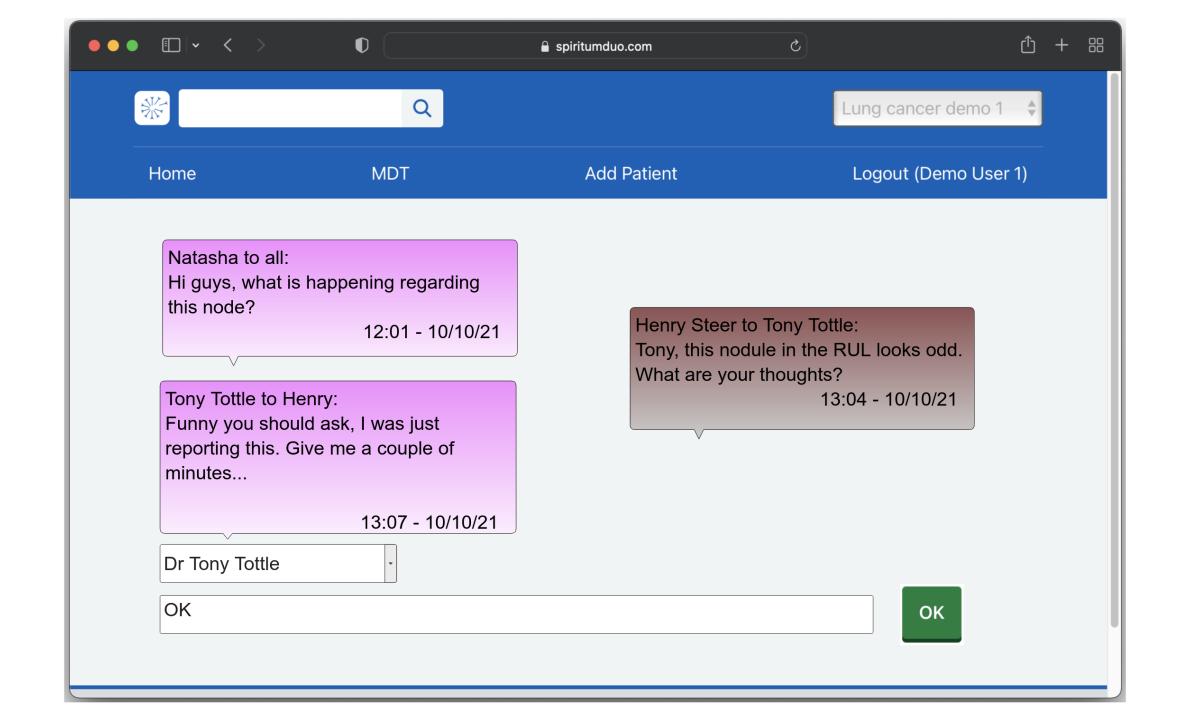
- where to get help for your symptoms, if you're not sure what to do
- how to find general health information and advice
- where to get an emergency supply of your prescribed medicine
- how to get a repeat prescription

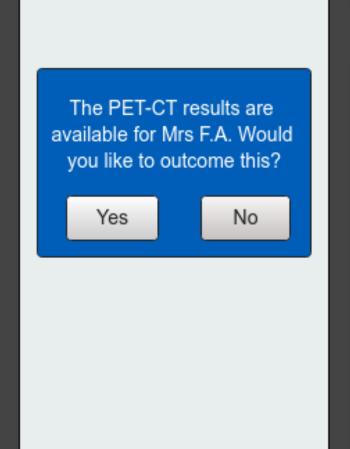
Start

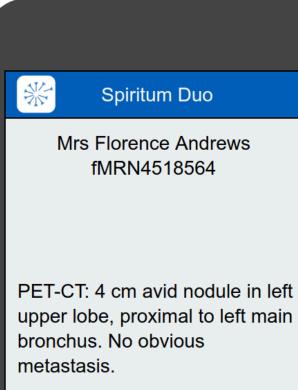


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ests	Internal Referrals	Handover Referrals	
Chest X-ray	Add to MDT	Refer to surgeons	
CT chest	Prehab referral	Refer to oncology	
PET-CT	Dietician referral	Refer to palliation	
CT head - contrast	 Smoking cessation referral 	Discharge	
MRI head	 Book clinic appointment 		
Lung function tests			
ECHO			
CT guided biopsy thorax			
EBUS			
ECG			
Thoracoscopy			
Bronchoscopy			
Pleural tap			
CPET			
Bloods			







Would you like to book an EBUS now?





Spiritum Duo

Mrs Florence Andrews fMRN4518564

EBUS request has been sent, COVID swab booked and lung cancer coordinators informed. The digital pathway app will notify you when the procedure has been booked.

OK

Text messsage

From: Respiratory Department, Gloucestershire

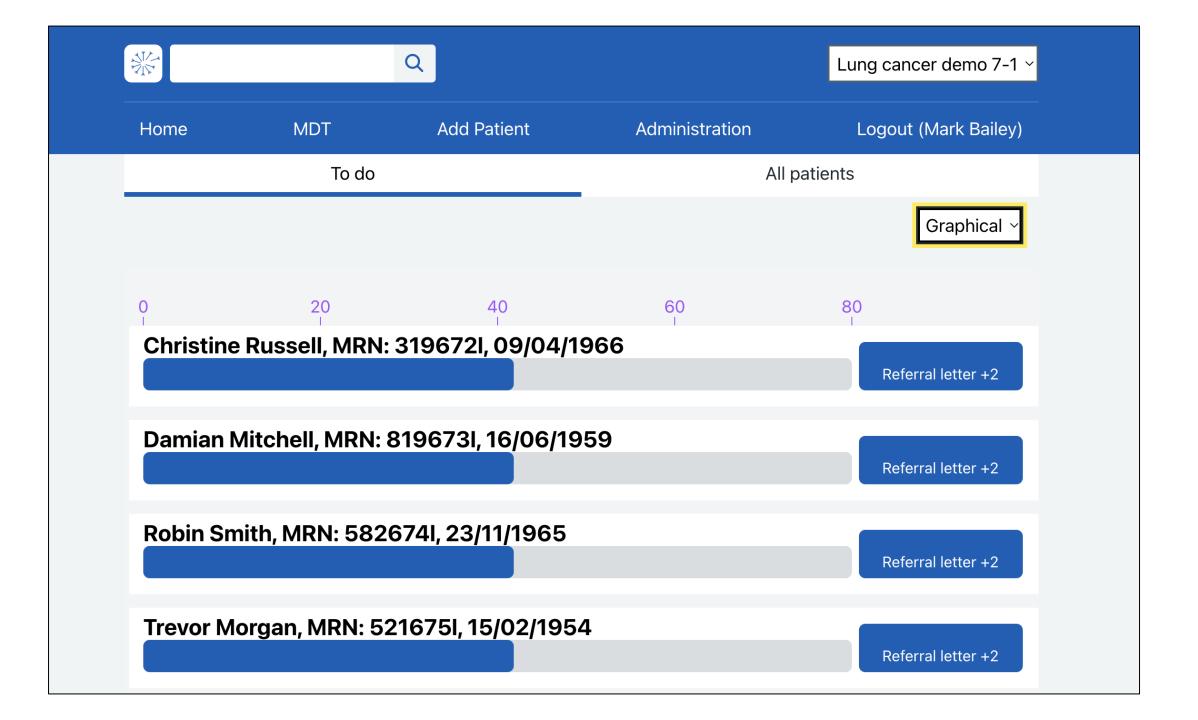
Dear Mrs Florence Andrews,

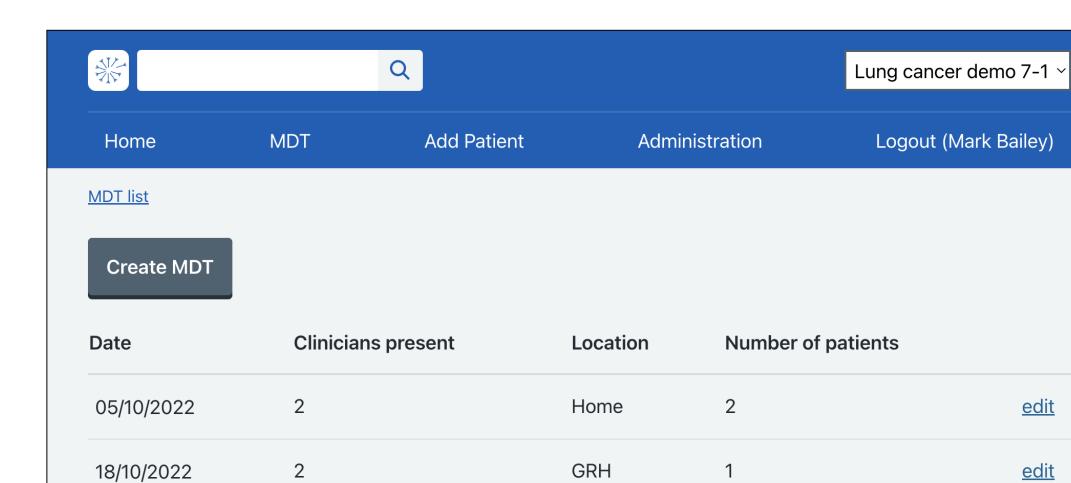
You have been booked a PET-CT scan. Please click on the link below for a video explaining this procedure with a virtual guided tour.

https://www.youtube.com/watch? v=ubQQSQQgdJs

You will receive a separate letter confirming the date of the above procedure







previous 1 next

Landing page

Further ideas

- Notes section
- Graphs and statistics
- In built audit functionality







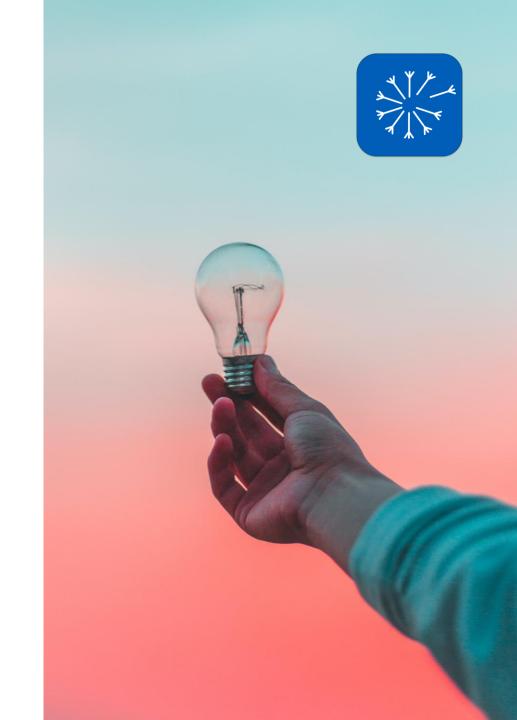


Wider alignment

- GIRFT (Get It Right First Time)
- NHS Service Manual "Make new source code open"

Aren't we all the same?

- Most cancer pathways are fairly similar
- A patient is:
 - Referred
 - Seen in clinic
 - Have tests
 - Have biopsies
 - Explanations for each step
 - Then treatment
- So why not "build once and share many"









Questions?

- Many thanks to:
- SWAG and Gloucestershire CCG for funding
- Grant Vallance for support and further guidance
- Nick Ives and Joe Channing
- Andy Peniket for supporting implementation at Oxford
- NHSX Innovation Lab for guidance