



Headlined By:









Welcome to The NHS Pathology Conference South 2023!



17th October 2023 8am – 4pm 15Hatfields, London





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Chairs Opening Address



Saghar Missaghian-Cully (She/Her)

Managing Director - North West

London Pathology





Speaking Now...



Saghar Missaghian-Cully (She/Her)

Managing Director - North West

London Pathology



NORTH WEST LONDON PATHOLOGY (NWLP)

ORGANISATIONAL TRANSFORMATION – CULTURE & LEADERSHIP DEVELOPMENT JOURNEY

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NWLP MANAGING DIRECTOR

CONTENT

- SETTING THE SCENE
- NWLP JOURNEY
- DIAGNOSTICS LANDSCAPE CHANGES
- LEADERSHIP & CULTURE DEVELOPMENT JOURNEY
- SUMMARY



CONSOLIDATING PATHOLOGY SERVICES

In 2017, NHSEI committed to consolidating pathology services in England by proposing 29 hub and spoke networks. This ambition has widened to use these networks as a key enabler of ambitions outlined in the Long Term Plan.

"Consolidating pathology services allows for most consistent, clinically appropriate turnaround times ensuring the right test is available at the right time. It makes better use of our highly skilled workforce to deliver improved, earlier diagnostic services supporting better patient outcomes. Taking a hub and spoke approach to this consolidation can ensure an appropriate critical mass to support specialist diagnostics, so that patients have equal access to key tests and services are sustainable."

PATHOLOGY NETWORKS EXPECTED OUTCOMES IN IMPROVING PATIENT CARE AND DELIVER POTENTIAL EFFICIENCIES

Patients:

- patients should receive quicker, more advanced and reliable screening test results.
- access to pathology services won't change core services will still remain in hospital labs
- there will be an introduction of a new wave of genetics

Potential efficiencies:

- the 122 individual pathology units within NHS Hospitals in England will join-up and form a series of 29 networks, now 22.
- the new networks will bring together clinical expertise, ultimately making these services more efficient that deliver better value, high quality care for patients
- •enhance career opportunities for staff, whilst being more efficient, delivering projected savings of at least £200 million pounds by 2020-2021.

National pathology services networking map



14 | National pathology services networking map

7

CHANGE IS DIFFICULT!

...OR IS IT?

The need to use tools, techniques and mindset that are change focussed is essential.

Business as usual ideas need to be challenged, will they work in a change environment? ➤ The brutal fact is that about 70% of all change initiatives fail.

Beer, M. and Nohria, N. (2000) Cracking the code of change. Harvard Business Review 78(3): 133-141.

Three out of four mergers and acquisitions fail to achieve their financial and strategic objectives.

Marks, M. L. and Mirvis, P. H. (2001). Making Mergers and Acquisitions Work: Strategic and Psychological Preparation.

Academy of Management Executive 15(2): 80-94

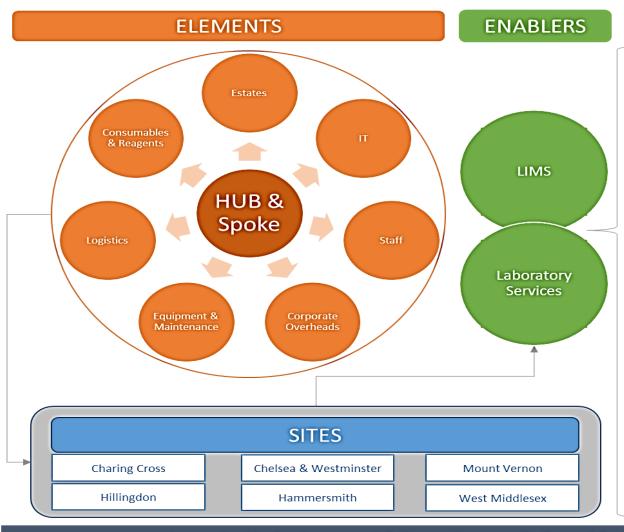
Some organisations expect that they can achieve benefits without properly investing in the process of change management or effectively guiding their employees through the journey.

The Journal of Quality in HealthCare provides good input to the debate on Organisational Change:

'The Key to Quality Improvement is a process that reviews current thinking and achievements in the NHS in particular and healthcare in general'.

www.qualityhealthcare.com

NWLP A SUSTAINABLE BUSINESS MODEL



BENEFITS

Estate mix that provides adequate infrastructure for Registrars in training, Clinical Academic Trainees, Clinical Fellows, Research Fellows and Biomedical Science Trainees for further developing their knowledge and skill mix in pathology services.

Better utilisation of staff resources resulting in a reduction in managerial and shared services overheads

R&D at the forefront of pathology providing better outcomes and improved credibility for clinicians and diagnosis.

Centralised IT system that standardises quality systems and working practices in an efficient operating model across all sites resulting in reduced waiting times for patients for all tests

Centralised workforce and management providing greater control of a multidisciplinary staff base that reduces overlap/duplication and costs

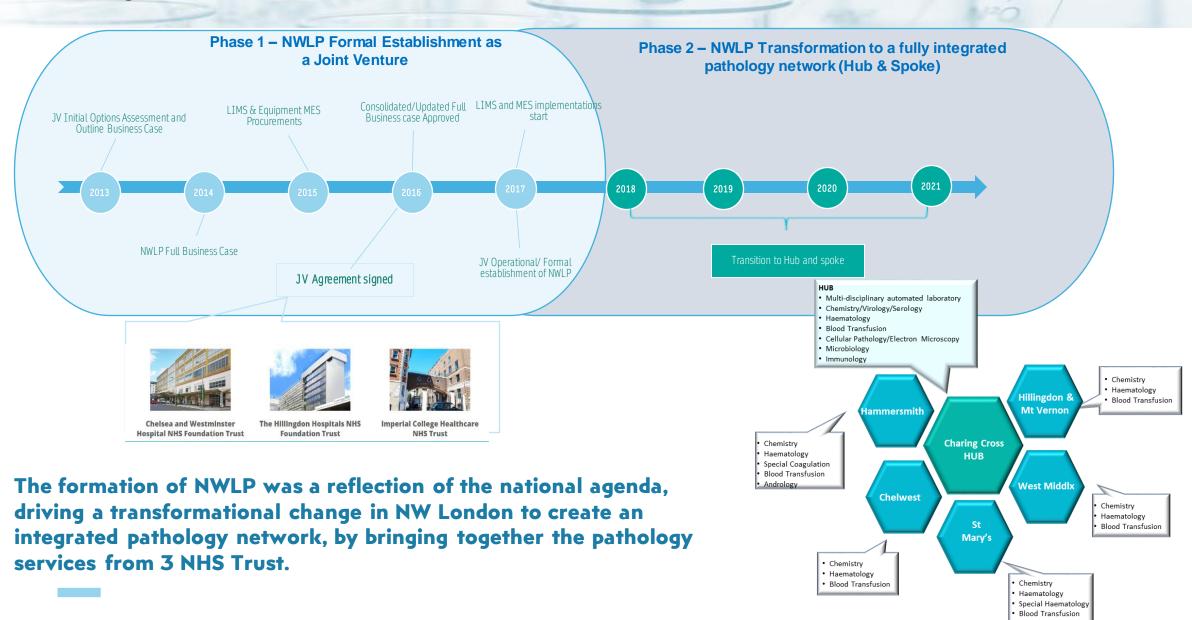
Effective and efficient logistics which provides up to twice daily and the potential for ad hoc pickups from General Practitioners (GPs) to ensure quick turnaround times for test results

Flexibility across the model to improve utilisation of estates that maximise shared facilities across disciplines to improve volume, resilience and reduce costs.

Estate utilisation that enables Trusts to increase clinical space at spoke locations and improve standardised training opportunities in the Hub.

A sustainable business model that reduces pathology risks for patients and owners alike

NWLP JOURNEY



NWLP SUCCESS TO DELIVERING TRANSFORMATION

The building blocks essential to successful transformation aren't specific steps, stages or organisational designs. They are ways of thinking about influence and change: perspectives on how to shift organisational and individual behaviour in a more productive, competitive and engaging direction.



We created a strategic identity

Articulate a single desirable future, focus all your efforts on achieving it. Making leaps in identity and purpose

We designed for trust

Trust is paramount in healthcare —to build confidence in providers and protocols.

We were not afraid of experimentation or innovation

Creating an environment to think big, start small and learn fast

We leveraged our core strengths and embraced new strategies and change

CURRENT CHALLENGES IN LABORATORY DIAGNOSTICS

Equipment and facilities

Aging equipment and inadequate diagnostic facilities within hospital buildings.

Workforce

Years of poor workforce planning and inadequate funding across the health and care system have resulted in chronic staff shortages (The King's Fund 2022). The impact of this is being felt in diagnostics as the growth in the diagnostic workforce has not kept pace with demand and activity and now there are significant vacancies impacting all specialities.

Digital and information-sharing infrastructure

A key enabler to the delivery of diagnostic services and the success of networked working. Recently the government set out £248 million of investment in the digitisation of diagnostic services. This investment may not be sufficient given the scale of the challenge in digitising NHS diagnostics, with the digitisation of cytology and histopathology only available in a very limited number of hospitals.

NEW LEADERSHIP FOR A NEW ERA OF THRIVING ORGANISATIONS

We are living through an era of unprecedented challenges and opportunities.

How should leaders navigate this moment? What does leadership look like in an era where turbulence and disruption are the norm?

A new form of organisation and management has been slowly emerging...

The New Leadership Model

We are moving from an era of individual leaders to an era of **networked leadership teams** that steer the organisation. The old hierarchical model of leadership is increasingly seen as an obstacle to meeting the complex demands facing today's organisations. To **thrive** still need leaders who are accountable for their individual roles—but *leadership* itself resides in the teams of leaders acting in service to the organisation.

High-performing leadership teams will always outperform the capabilities of their individuals. This new model has a clear purpose and focus: to benefit all stakeholders by enabling people to work and learn together to build and operate a continually evolving system for creating value.

REIMAGINING LEADERSHIP: FIVE CRITICAL SHIFTS

		Go beyond	Extend to	
What we focus on	As manager , deliver profits to shareholders, with a mindset of preservation	Profit	Impact	As visionary , generate holistic impact for all stakeholders, with a mindset of possibility
How we create value	As planner , compete for existing value through advantage, with a mindset of scarcity	Competition	Co-creation	As architect , cocreate new value through reimagining, with a mindset of abundance
How we organise	As director , command through structured hierarchies, with a mindset of authority	Command	Collaboration	As catalyst , collaborate in empowered networks, with a mindset of partnership
How we get work done	As controller , administer through detailed prediction, with a mindset of certainty	Control	Evolution	As coach , evolve through rapid learning, with a mindset of discovery
How we show up	As professional , meet expectations, with a mindset of conformity	Expectations	Wholeness	As human , be our whole best selves, with a mindset of authenticity

LEADERSHIP

Develop the leadership capability and effective ways of working as a forming organisation, delivering through tailored frameworks based on the organisational values and desired leadership behaviours.

- Leadership development programmes
- ➤ Board and team development
- > One-to-one development and mentoring
- ➤ Talent management and succession planning.

Investing in leadership development is proven to deliver significantly higher levels of performance.

Effective leadership can build capacity to improve efficiency, increase performance, drive innovation and improve services.

The NHS Leadership Academy's Healthcare Leadership Model Dimensions can be used to develop key content and focus.













WHAT DOES "GROWING STRONGER TOGETHER" MEAN?

Autonomy

The need to have control over one's work life, and to be able to act consistently with one's values

- Authority, empowerment and influence Influence over decisions about how care is structured and delivered, ways of working and organisational culture
- Justice and fairness
 Equity, psychological safety, positive diversity and
 universal inclusion
- Work conditions and working schedules
 Resources, time and a sense of the right and necessity to
 properly rest, and to work safely, flexibly and effectively

Support for recovery needs to be wide-ranging and needs to support the core work needs of staff, e.g. the ABC model set out by the King's Fund:

Belonging

The need to be connected to, cared for by, and caring of colleagues, and to feel valued, respected and supported

Teamworking

Effectively functioning teams with role clarity and shared objectives, one of which is team member wellbeing

Culture and leadership

Nurturing cultures and compassionate leadership enabling high-quality, continually improving and compassionate care and staff support

Contribution

The need to experience effectiveness in work and deliver valued outcomes

Workload

Work demand levels that enable the sustainable leadership and delivery of safe, compassionate care

Management and supervision

The support, professional reflection, mentorship and supervision to enable staff to thrive in their work

 Education, learning and development
 Flexible, high-quality development opportunities that promote continuing growth and development for all This model offers the opportunity to bring together a plan that allows for:

- new and innovative interventions to support wellbeing;
- harnessing work already ongoing in Trusts and pathology networks;
- alignment & learning across the ICS;
- alignment to the NHS People Plan.

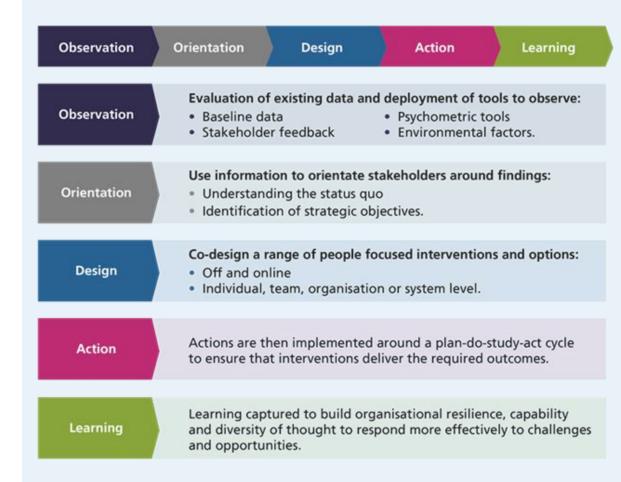
CULTURE AND VALUES

Working with our teams to build a common purpose, strengthen relationships and discover new ways of creating change through collaborative working.

- Aligning culture with strategy and purpose
- > Developing responsiveness to system change
- Supporting cultural transformation
- Creating a learning organisation

Developing a positive organisational culture takes skill, time, patience, humility and passion.

- Build the legitimacy for successful outcomes
- Incorporate the perspectives of all stakeholders
- > Be systematic on five key elements to ensure engagement
- Throughout the cultural transformation journey



SYSTEMS AND PROCESSES

Shape and maintain the health of the organisation by establishing effective systems and processes for improving efficiency and performance.

We established:

- Continuous improvement
- Application of Lean methodologies
- Embedding behaviours
- Team development approaches.

The organisational systems and processes play a fundamental role in the results. To improve outcomes we worked to understand the status quo, baselined performance metrics and understand the complex nature of interdependencies.

Then, re-design processes to deliver a more efficient and effective system.





STAFF ENGAGEMENT

An engaged and motivated workforce leading to higher individual, team and organisational performance.

Our staff engagement focus:

- Developing an employee voice
- Engaging managers
- ✓ Visible, empowering, compassionate leadership
- Organisational integrity
- Diversity of thinking and discovery of potential blind spots

SKILLS DEVELOPMENT

Enable skills development that motivates the teams and grows the capabilities required to deliver the current and future organisational objectives.

- ➤ Skills gap audits
- >Training needs analysis and planning
- ➤ Competency frameworks
- > Talent development
- >Training and development programmes
- > Personal effectiveness and professional development

DRIVERS FOR CHANGE IN LABORATORY MEDICINE

Globalisation

We live in a world of instant communication. An opportunity to share information on an international scale to more rapidly meet the requirements of patients, clinicians and other healthcare interests

Technological advance

Advances in technology enable us to achieve higher quality, more rapidly and on a smaller scale.

Smarter working

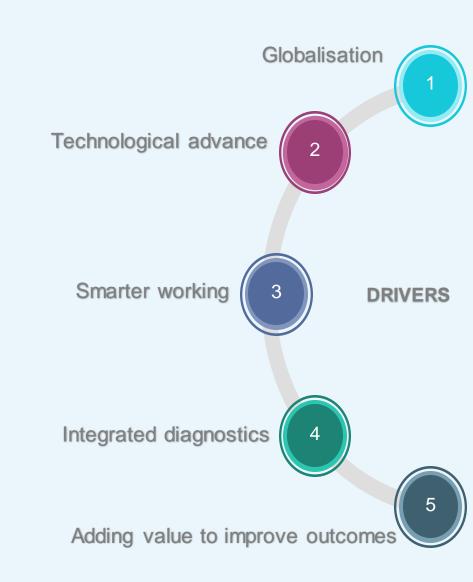
Improved efficiency, workload management and shared resources are just some examples of smarter working

Integrated diagnostics

Laboratory medicine, imaging and endoscopy all contribute diagnostic patient data. Through integration and incorporation this data can be converted into knowledge which can be used to bring about faster and better clinical outcomes.

Adding value to improve outcomes

Adding value to quality laboratory medicine services comprises a wide range of opportunities to go beyond a simple request-result service.



FUTURE OF DIAGNOSTIC SERVICES

The future of diagnostic services will become more **proactive**, supported by analysis of **healthcare data** from a much wider population, enabled by **machine learning** & **AI technology**.

This will deliver **improved clinical outcomes** and significant downstream savings through early identification of disease and more services based i primary care & community diagnostic hubs.



North West London Pathology

35+ million

Diagnostic Tests annually

NHS Trusts

Hospital sites

GP Practices

million

Population

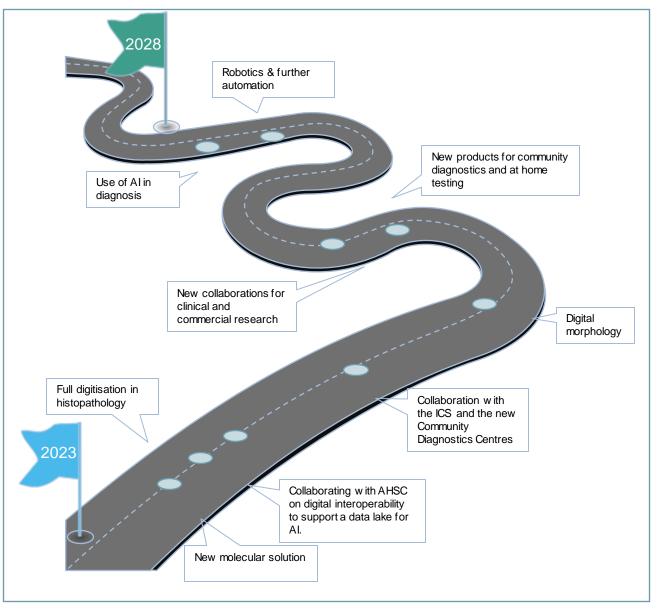
1000+



Staff

NWL Integrated Care System





The centrality of diagnostics to the NHS's ability to deliver patient services cannot be understated. They are fundamental to clinical decision-making. There is huge potential for diagnostics to play an even greater role in driving improved outcomes through transformation and innovation, particularly via the redesign of patient pathways and the introduction of new technology.





THANK YOU

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Speaking Now...



Debra Padgett, MSc, MA, FIBMS, CSci
President / Clinical Pathology Service Manager /
Operational Lead - Institute of Biomedical Science /
Northumbria Healthcare NHS Foundation Trust / North
East & North Cumbria





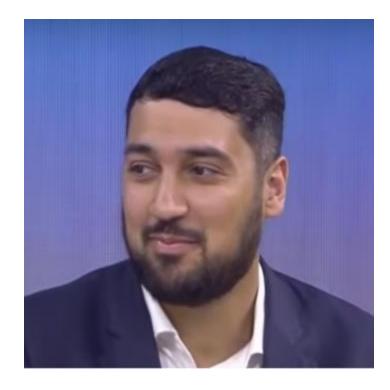
Up next...



QUANTIFYING THE VALUE OF DIGITAL PATHOLOGY

Sanj Lallie and Klaudyna Johnstone, Source LDPath





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KEY POINTS

- What we do from cellular pathology to digital pathology implementation and AI
- Helping you build a case for digital pathology the Health Economic Model (HEM)
- How can you access the HEM?

SOURCE LDPATH BACKGROUND

- Work with over 85 NHS Trusts
- Leading turnaround times
- ISO15189 accredited services & participation in leading EQA schemes
- Histopathology services from wet specimen to report, including digital pathology and AI
- Mission to move the UK pathology network to a presence on the internet





VALUE TO PATHOLOGY DEPARTMENT

- Automated case audits
- Bespoke LIMS for seamless integration
- Case load balancing
- Cost savings per case
- Digital second opinions & MDMs
- Expanded capacity and workforce
- Reduced transport costs
- Reduced backlogs
- Standardised reports
- Tailored SNOMED and cancer registry



VALUE TO PATHOLOGIST

- Asynchronous collaboration
- Increased bandwidth for complex case reporting
- Increased diagnostic confidence with AI integration
- Increased working flexibility
- Instant access to reports
- Less-stress environment
- Promotes training & advanced skill set
- Reduces time spent retrieving data

PATHOLOGISTS WITH THEIR HEADS IN THE CLOUD

To move the UK pathology network to a presence on the internet.

- The need for pathologists to be geographically located in proximity to the source of their work is removed, and indeed the need for pathologists to be employed in the usual sense by Trusts becomes redundant
- Joint pathologist contracts with Source LDPath and Client Trusts
- Electronic pull system for drastically reducing TAT (game changer for load balancing across the UK)
- AI: Develop future-proof algorithms

THE ROUTE TO DIGITAL PATHOLOGY IMPLEMENTATION:

- Scanner
- Viewer

Hidden Challenges

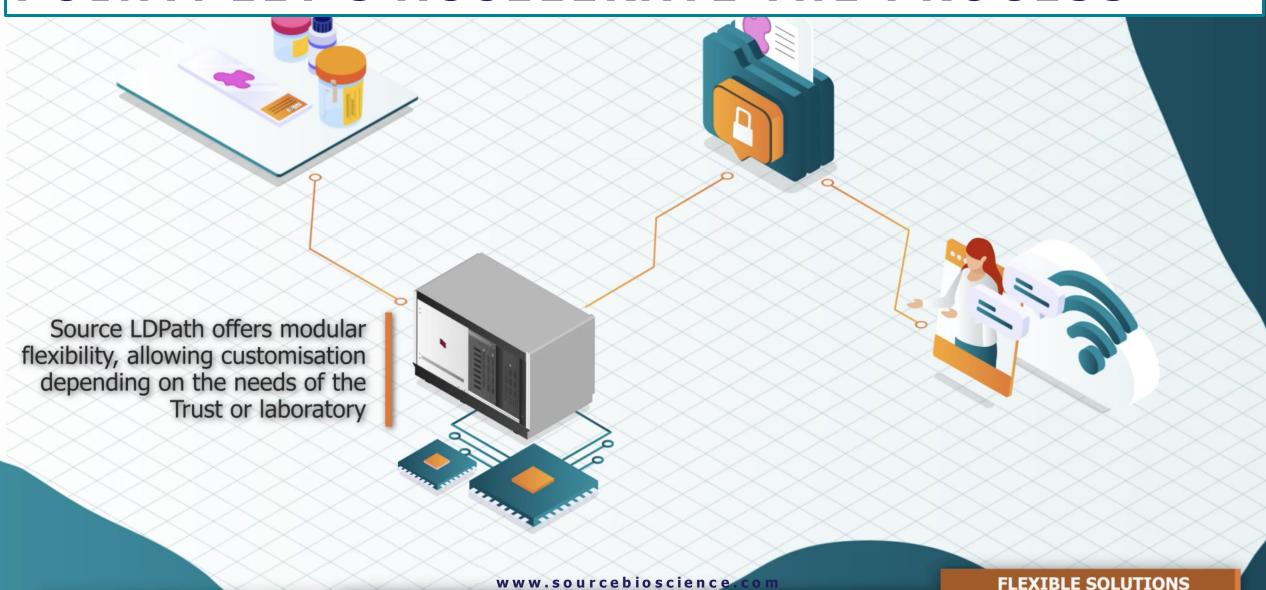


Visible challenges

- Staffing shortage of Pathologists nationwide
- Stakeholders involved (IT, lab, pathologists etc.)
- Stability
- Security and traceability
- Smart, cost-effective archive
- Scalability
- Access anywhere, anytime
- Image analysis
- Workflow
- Standardised integrations to other IT systems
- Validation (ie. WSI)
- Round the clock support

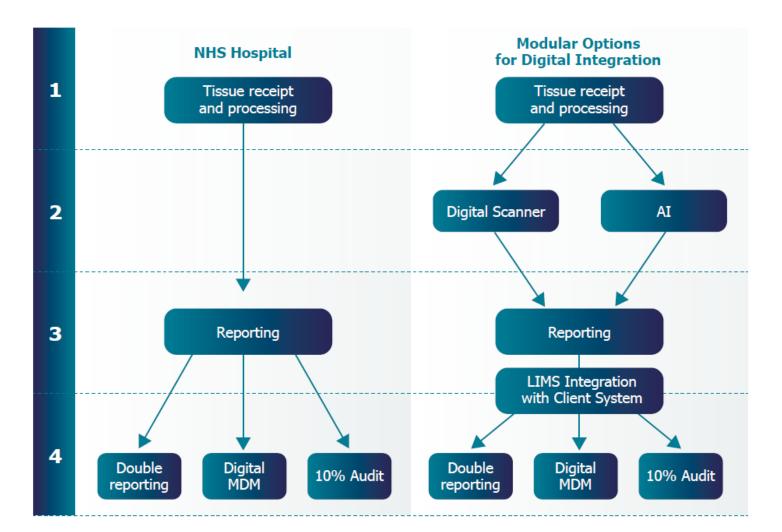


WHATEVER YOUR NEEDS OR STARTING POINT: LET'S ACCELERATE THE PROCESS

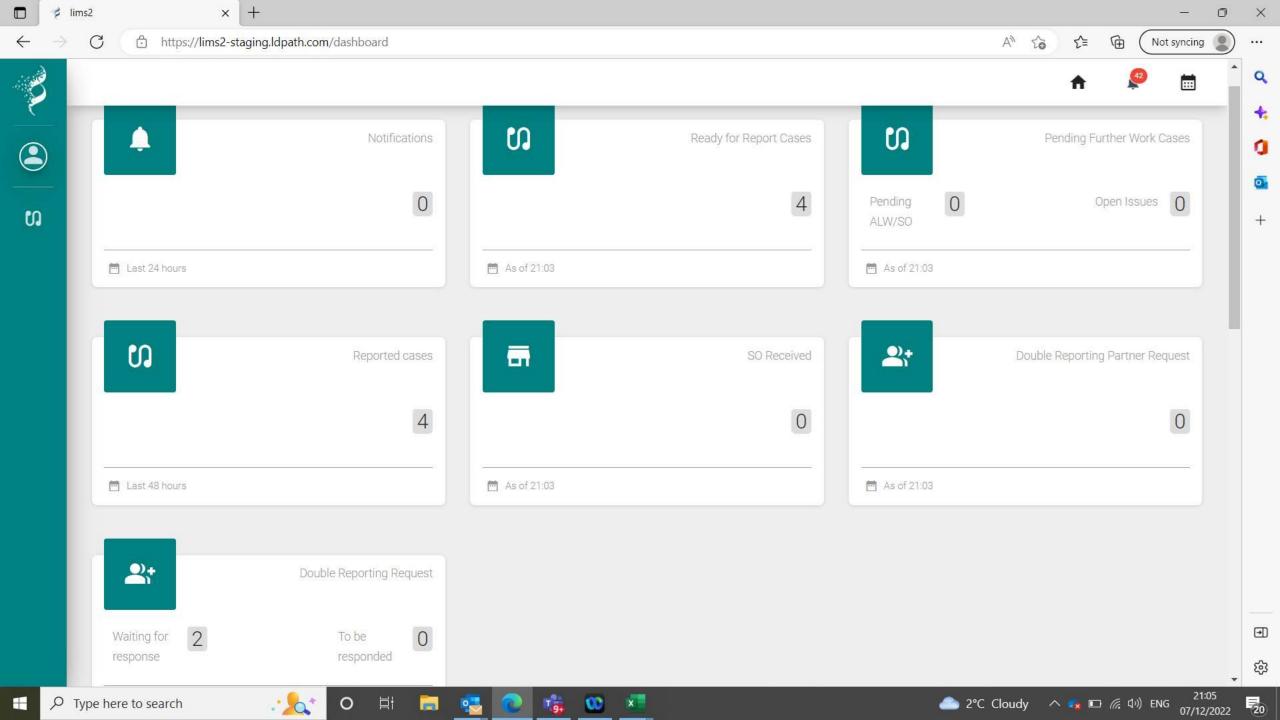


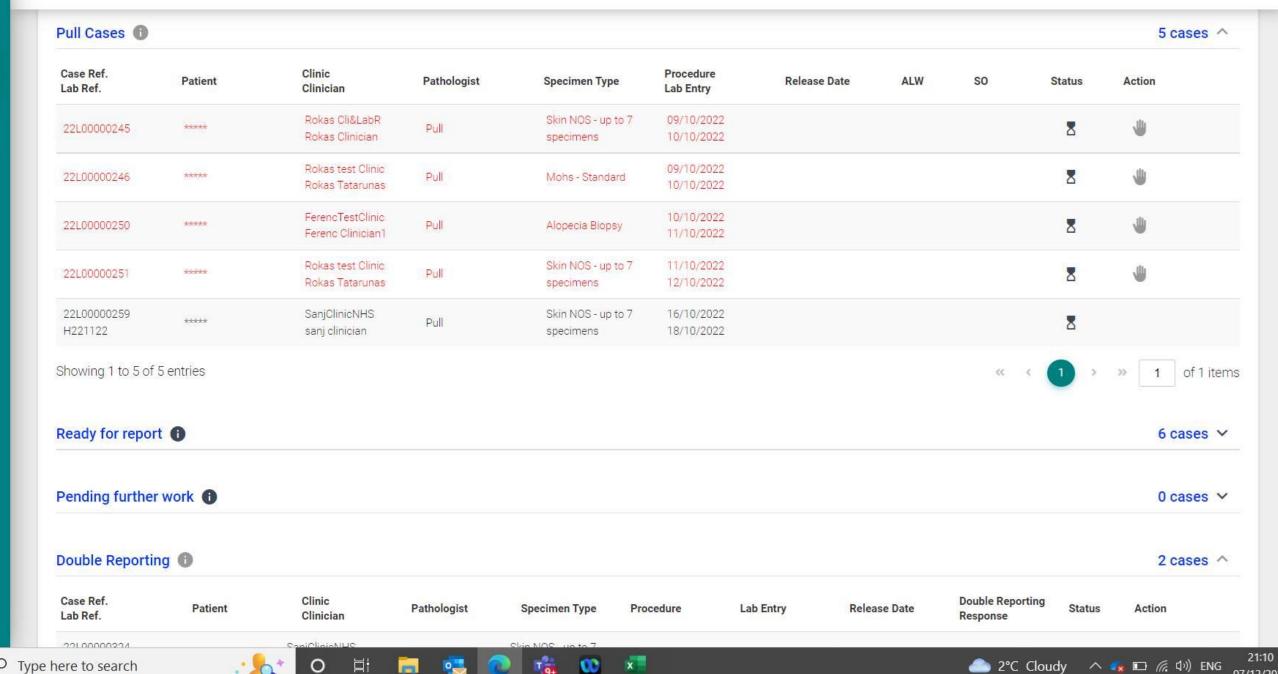
A COMPLETE MODULAR DIGITAL INTEGRATION SOLUTION

A tailored partnership to suit the needs of your pathology operations. All modules are available independently or as a complete digital integration solution.



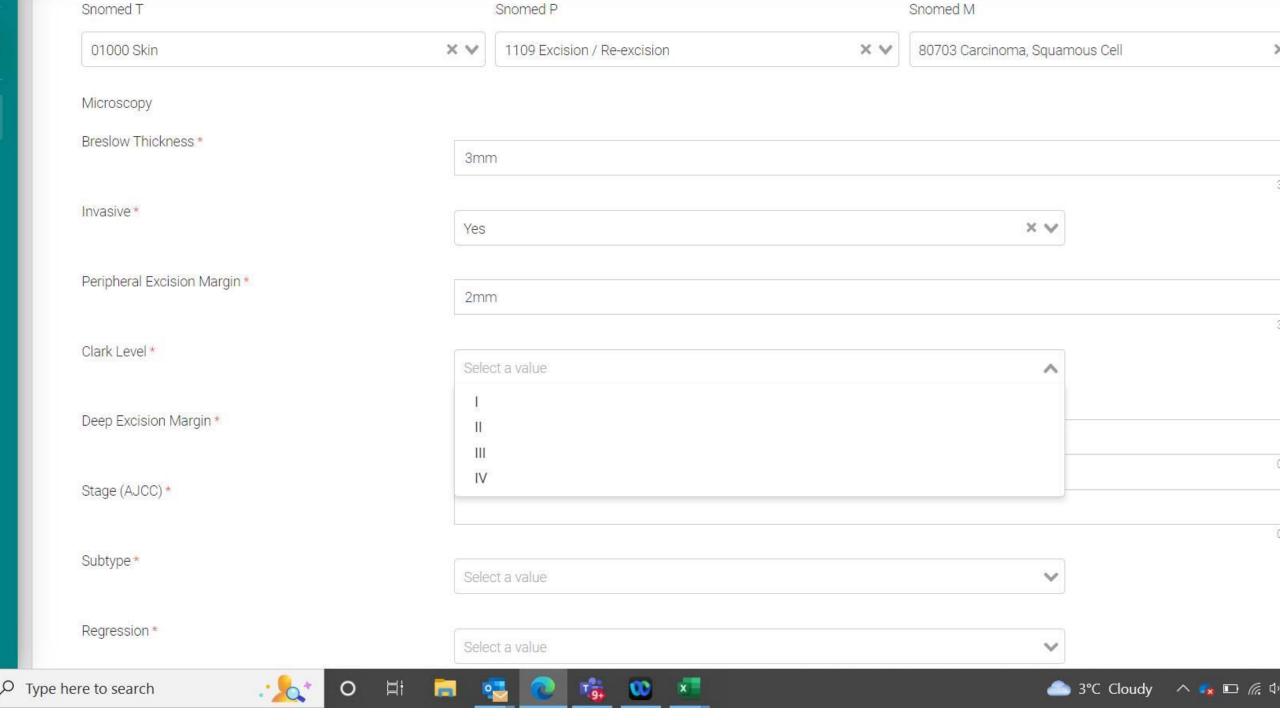


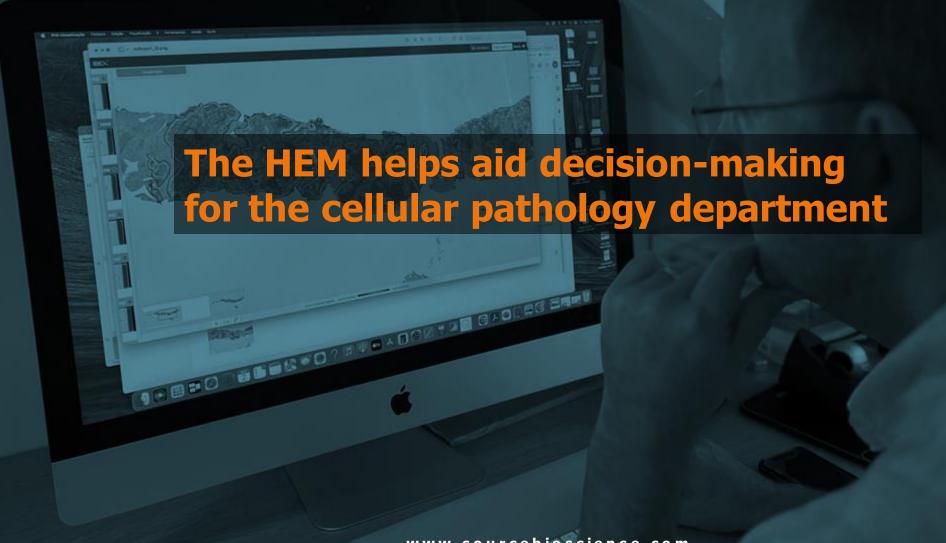


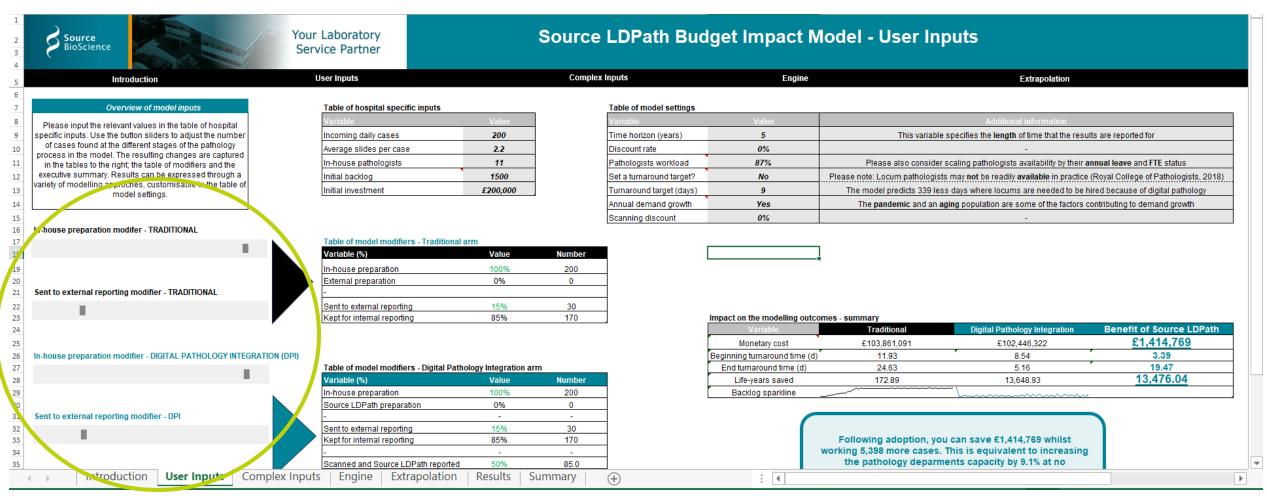


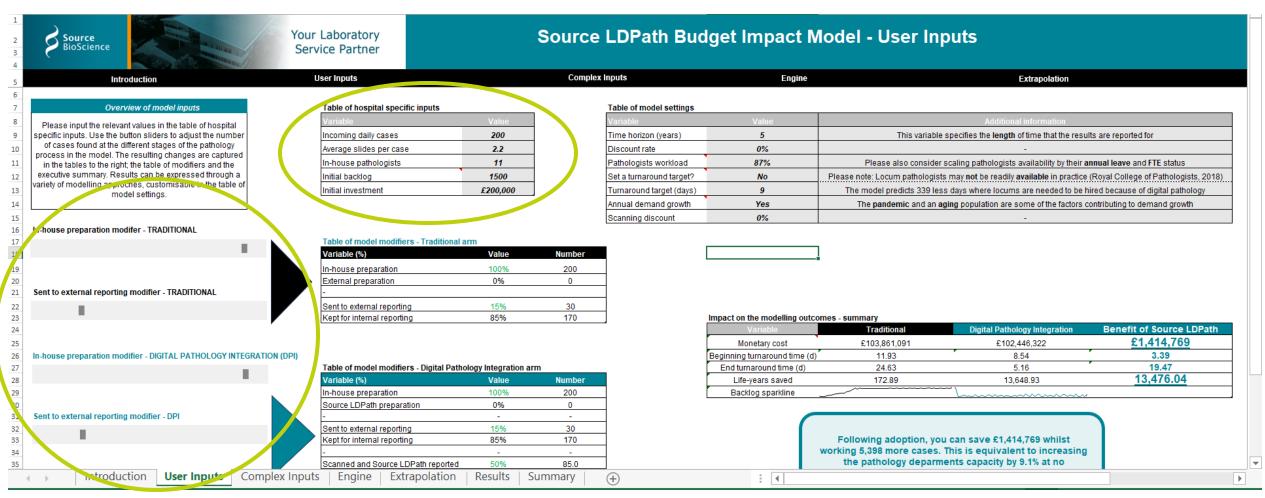
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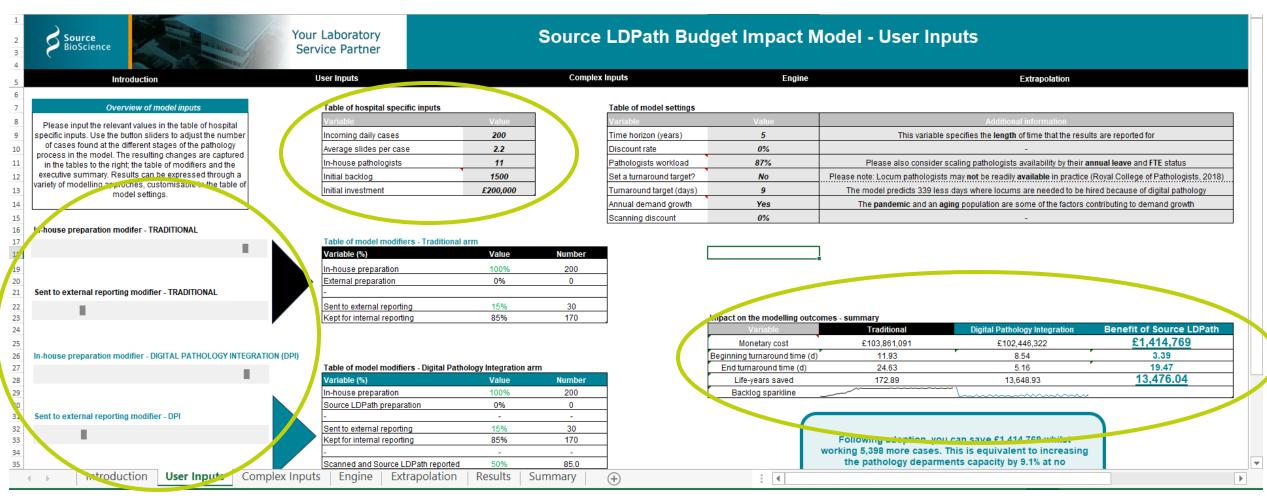
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Source LDPath Budget Impact Model - Summary

Introduction User Inputs Complex Inputs Engine E

Summary of results

-- Monetary savings achieved: £1,414,769 -- Lifeyears saved: 13,477 -- Backlog cleared in 1 month(s) --

Summary of the source of monetary savings

- A wet tissue processed into a ready-to-view slide in SLDP labs is £79.65 cheaper compared to the same process in the hospital or at external labs
- 2) A case that is scanned is set to be £0.53 cheaper to issue a diagnosis on, compared to a case reported traditionally by in-house consultants, for an applied 0% scanning discount.
- MDMs conducted by SLDP pathologists digitally are £42 cheaper compared to the opportunity costs faced by in-house consultants in attending MDMs.
- 4) A second opinion conducted by SLDP pathologists digitally, is £21 cheaper compared to second opinions issued by external labs or specialist centres. This figure does NOT account for the transport cost of non-digital cases
 - 5) The greater throughput of the digitally integrated solution reduces the need for the employment of locum pathologists. Hiring a locum pathologist for a day costs £1160

Summary of the impacts of monetary savings

Following adoption, you can save £1,414,769 whilst working 5,398 more cases

This is equivalent to completing 4 extra weeks worth of pathology cases whilst saving the same as 14 yearly salaries of a consultant histopathologist (at £104,000 per year, median)

14 yearly salaries can afford to purchase 30,514 scanned cased reported end to-end, from SLDP. This is equivalent to completing 23 extra weeks worth of pathology work by the department

Overall, the higher number of cases worked alongside the potential number of cases purchased through the use of the monetary savings, the pathology department can afford a 9.1% increase in capacity at no additional cost

The overall Return on Investment (ROI) of applying Source LDPath's digitally integrated solution to your hospital is 17 months since implementation

Engine & Extrapolations

More cases scanned = greater returns!

▶ Introduction

User Inputs

Complex Inputs

Engine | Extrapolation

Results

Summary



4

TALK TO US

- Booth here at the conference
- enquiries@sourcebioscience.com
- Our website www.sourcebioscience.com

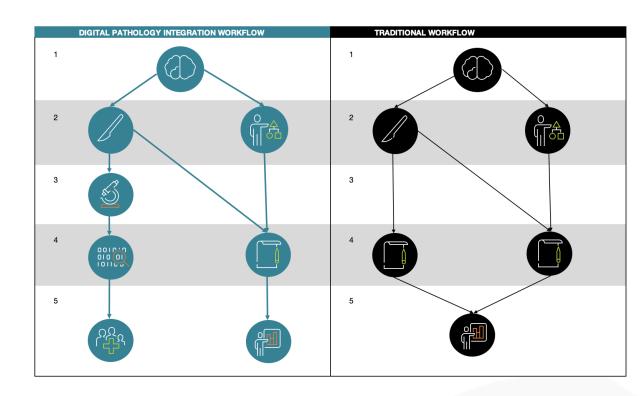
Use the Health Economic Model to predict what digital implementation would mean for you, your budget and your patients



MODEL SCHEMATIC

- A model for the UK (including England, Scotland, Wales and Northern Ireland) and analyses can be run based on a range of population sizes.
- The hospital-specific inputs are defined and the modifiers are decided by the user. This informs the percentage of cases that populate the different stages of the pathology process within the model.
- The workflow model presents the structure of both the traditional and Source LDPath workflow through the pathology process. There is a symbol key and an explanation of each stage presented alongside the workflow diagram to explain the specifics of each stage.
- There are three pathways present within the traditional workflow:

internal preparation and internal reporting internal preparation and external reporting external preparation and external reporting.



Model assumptions

The model makes the following assumptions:

- Locum pathologists will be hired once a pre-specified threshold of the backlog is reached.
- 2 The model will take the average of the cases by complexity.
- 3 The value of digital cellular pathology is characterised by the increments of time and costs relative to the traditional work flow
- The model will implement a simple linear backlog calculator, in which the change to the stock of the backlog will be (x-y), with x being the number of incoming cases per day and y being the outflow of cases per day into the preparation stage.
- The extent of the backlog at a particular point of time will dictate the average delay that non-prioritised cases endure. By definition, a case that is sat in the distribution centre unreported for a day, will accumulate that one day onto its total reporting time
- 6 Pathology departments are operating on a Monday-to-Friday basis. Please use the workload modifier to scale for annual leave, holidays and FTE status
- 7 The model provides an economic analysis based on the activity within the department and captures the value of the additional time available to the hospital pathologist





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Q&A Panel





Morning Break





Chairs Morning Reflection



Saghar Missaghian-Cully (She/Her)

Managing Director - North West

London Pathology





Up next...

Salutare:





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Speaking Now...



Chris Sleight

Chief Officer - Greater Manchester Imaging & Pathology Networks - Greater Manchester Provider Federation Board



GREATER MANCHESTER IMAGING AND PATHOLOGY NETWORKS

The Sustainable Workforce
of the Future –
Do Generations Z and
Alpha have the solution?

Mr Chris Sleight
Chief Officer

Greater Manchester Pathology & Imaging Networks

Email: Chris.Sleight@nca.nhs.uk



NHS Pathology Conference South

17th October 2023



Who am I am what is my role?

- I started my career as a Junior B MLSO (with degree in Physics & Mathematics!?!)
- FIBMS in Blood Transfusion and MSc in Haematology/Coagulation
- Chief Officer for the Greater Manchester Pathology Network
- Chief Officer for the Greater Manchester Imaging Network
- Pathology Incident Director for N5
- SRO for GM Community Diagnostic Centre Programme
 - Chair of GM Diagnostics Digital Board
- have Programme Director responsibilities for GM Pharmacy programmes......and I am a father of 4 boys



The Sustainable Workforce of the Future Do Generations Z and Alpha have the solution?

- Priorities for GM Pathology Network; with a focus on
 - Reducing Health Inequalities
 - Digital Enablers
 - Workforce
- Why a short-, medium-, and LONG-TERM Workforce Focus is critical now to sustain future services
 - An ageing Population
 - New Generations with different stereotypes













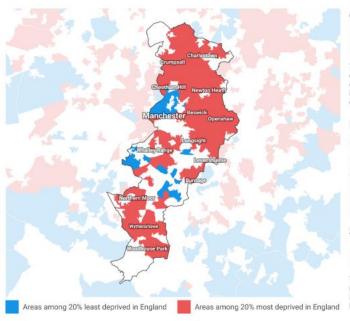








Measures of deprivation and inequality in Manchester based on Indices of Deprivation (IoD) 2019



Gini coefficient

0.35

This is the Gini coefficient for Manchester. It is a measure of household income inequality within the area. The Gini coefficient ranges from 0 (perfect equality) to 1 (perfect inequality) so that a higher figure indicates a higher level of inequality.

Economic imbalance

28:159

This is the 20:20 Index. It is the ratio of small areas (LSOAs) within the Local Authority that are among the 20% least (blue) or 20% most (red) deprived nationally, based on the Income Domain of the 2019 English Indices of Deprivation. It is used here as an indicator of local economic imbalance.

Spatial concentration

0.54

This value (Moran's I) tells us how similar or different nearby areas are. Values closer to 1 indicate similar areas are clustered together. In general, values over 0.4 generally indicate that similar areas are similar and the statement of the similar areas are similar and the similar areas.

Life expectancy at birth for Manchester residents fell by an estimated 3.1 years for men and 1.9 years for women in 2020.

42% of children under-16 in Manchester are living in poverty. Approximately two thirds of those children are in a family where at least one parent is working.

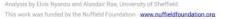
1 in 4 of Manchester's 16-19 years old are unemployed

1 in 3 Manchester children are not school-ready when they start reception

1 in 5 of all unemployed residents aren't in work due to long-term sickness

The ethnic diversity of Manchester's population is increasing. We are the only city outside London to have residents in each of the 90 listed ethnic groups in the census. Over 200 languages are spoken here.

Source: Manchester City Council – Building Back Fairer - Tackling Health Inequalities in Manchester 2022–2027





Life on the line? Differences in life expectancy across Greater Manchester



Female life expectancy at birth (years) Male life expectancy at birth (years) IMD Decile (1 most deprived; 10 least deprived)



Tram Network: The Metrolink tram network across Greater Manchester includes nearly 100 kilometres of track and 93 stops. In 2015 there were around 33.4 million journeys (Metrolink 2015). The average journey time between tram stops is 2 minutes, but some stops are further apart.

Data Sources: Office for National Statistics experimental ward level life expectancy and health living life expectancy estimates (ONS 2006) linked to selected Greater Manchester Metrolink tram stops. The selection highlights some of the biggest differences between tram stops. We also include information on socio-economic deprivation at ward level from the Index of Multiple Deprivation.

The life expectancy data is based on mortality among those living in each particular ward in 1999-2003. The estimates are not the exact number of years a baby born in the ward could actually expect to live, both because the death rates of the area are likely to change in the future, as is health care provision and because many of those people born in the ward will live elsewhere for at least some part of their lives.



GM Health and Care System has made a commitment to tackling digital inclusion, directly linked to improving inequalities.

Digital inclusion is a key element of Manchester's approach to reducing Health Inequalities

Linked to GM Health Priorities, the Digital Inclusion Action network has been established to drive mainstream digital inclusion in the transformation of public services, place – making and economic growth.

Also, "Building Back Fairer in Manchester - The action plan", includes one of its primary objectives as "Preventing illness and early death through killers like heart disease, lung disease, diabetes and cancer"

The Diagnostics Digital Enterprise Solution is a key enabler to support early diagnosis for imaging and pathology.

Our ambition for PBR and Digital Pathology is to introduce GM wide operating models so patients receive not only better access to image acquisition, but reporting is undertaken Trust wide by appropriate experts to smooth waiting times across the conurbation, thus improving patient outcomes through faster diagnosis and early intervention.

Rochdale **Bolton** Bury Oldham Wigan Salford **Tameside** Trafford Stockport

THE GM PATHOLOGY NETWORK

- Bolton NHS Foundation Trust
- Northern Care Alliance Foundation Trust
- Manchester University Foundation Trust
- Tameside and Glossop Integrated Care NHS Foundation Trust
- Stockport NHS Foundation Trust
- Wrightington, Wigan and Leigh NHS Foundation Trust
- The Christie

- Northern Care Alliance hosts the network on behalf of the Trust Provider Collaborative
- 14 sites have Pathology Services locally
- Almost 2000 staff
- Circa 80 million Pathology Diagnostics p.a.

Priority Themes for GM Pathology

- Workforce,
- Workforce,
- Workforce!
- Increasing Diagnostics Capacity
- Improving Efficiency and Productivity
- Pathway Improvement
- Ensuring Demand is Appropriate
- Levelling Up (working as a GM system by sharing and implementing best practice & Reducing Health Inequalities)
- Communication

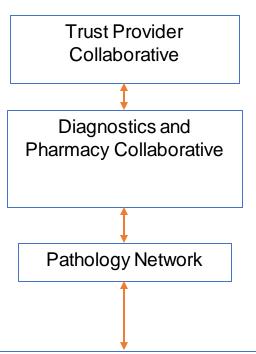




GREATER MANCHESTER IMAGING AND PATHOLOGY NETWORKS



Current Governance and network structure



Network Subgroups (Operational Managers, Workforce, Clinical Reference Groups (Clinical Chemistry, Haematology and Transfusion, Cellular Pathology, Infection Sciences, POCT, Procurement, Digital, Performance, and Quality)

Current major project/programmes of work

Project/Programmes	Impact on service users
Digital Pathology	Introduction of digital pathology in Histopathology, reduce health inequalities across the network.
LIMS	New LIMS provider for labs in GM, increase sharing patient results and interoperability of new LIMS systems. Standardisation across all providers.
CDC	Increase diagnostic capacity, reduce wait time for diagnosis
Pathology Network Maturity	Collaboration between pathology services, reduce patient (and staff) inequality and increase efficiencies and robustness of pathology services in GM







Greater Manchester Pathology Network

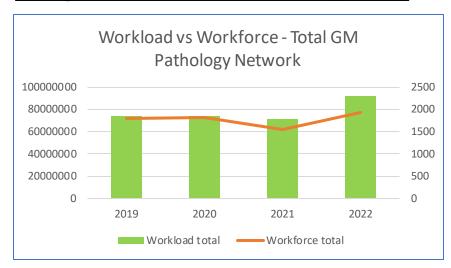
WORKFORCE WORKFORCE WORKFORCE



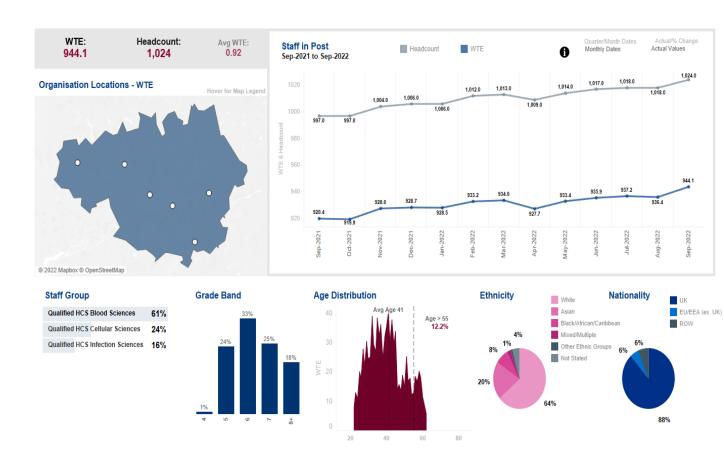
GREATER MANCHESTER IMAGING AND PATHOLOGY NETWORKS

NHS

Background and Current workforce position



- National occupation shortage in Biomedical Scientist, consultant microbiologist and histopathologists
- Increased demand on both imaging and pathology diagnostic services – especially post COVID recovery
- More staff taking early retirement
- Graduate entry reducing
- Training capacity reducing focus on service, no time to train
- Burn out of staff most departments carrying significant vacancies







GM Pathology workforce strategy

in Greater Manchester

Greater Manchester NHS Provider Federation Board

GM Pathology Network Workforce Strategy

Report to:	GM Pathology Board / GM Pathology No Operational Managers group	GM Pathology Board / GM Pathology Network		
Report of:	Gareth Richardson, GM Pathology Network			
	Workforce Development Lead			
Paper prepared by:		Gareth Richardson, GM Pathology Network		
	Workforce Development Lead	Workforce Development Lead		
Date of paper:	01/03/22			
Subject:	GM Pathology Network Workforce Strategy			
	Information to note	√		
	Support			
Purpose of Report:	Accept			
Please tick 🗸	Resolution			
	Approval			
	Ratify			

Purpose:

The purpose of this paper is to provide overview of the strategic achievements and aims of the Greater Manchester Pathology workforce in 2021/22 and going forward into 2022/23.

GM Pathology Workforce Achievements 2021/22

Pathology workforce group

Pathology workforce sub group has been created and now well established to tackle to ongoing workforce issues experienced in the network. Key deliverables have been identified by the group by completing a mini gap analysis to find the areas of focus. Group has started to work collaboratively together, and become platform for sharing of best practice and ideas. Group has also created a network for distribution of information from NHSEI, HEE, IBMS and other professional bodies so pathology workforce is getting equal opportunities across the network.

NHSEI & HEE engagement

Good working relationships established with NHSEI and HEE colleagues, workforce lead and group now single point of contact for engagement around workforce. This has allowed for quicker decision making and rapid deployment of information and funding opportunities. Also created better equality across the network, all trusts are now being given the same opportunities. NW Pathology workforce task and finish group now established to drive forward workforce agenda across the region.

Fundin

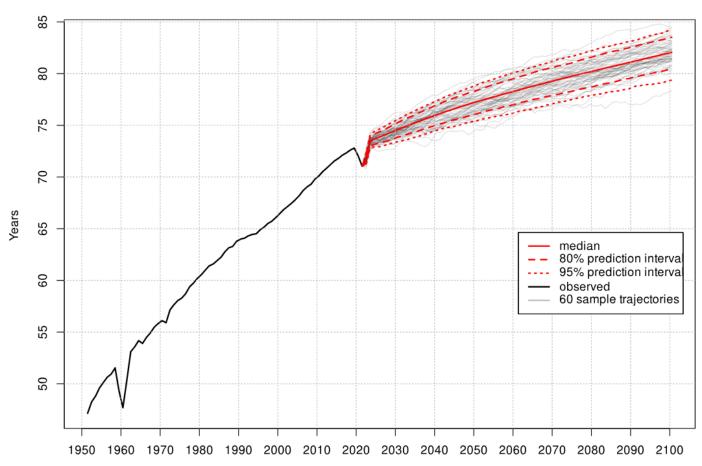
Successful in receiving funding to support upskilling of support staff to create future Biomedical scientist, total funding received for network was £68k from NHSE&I and £80k Objective 1 – to attract and retain talent in the network, to decrease vacancy and turnover rates.

Objective 2 – to create clear development opportunities for all pathology staff to maximize staff potential and create equality in training across the network

Objective 3 – to better understand the workforce needs in Pathology and create a workforce sustainable for the future.

World > Probabilistic Projections > Life Expectancy > Both Sexes

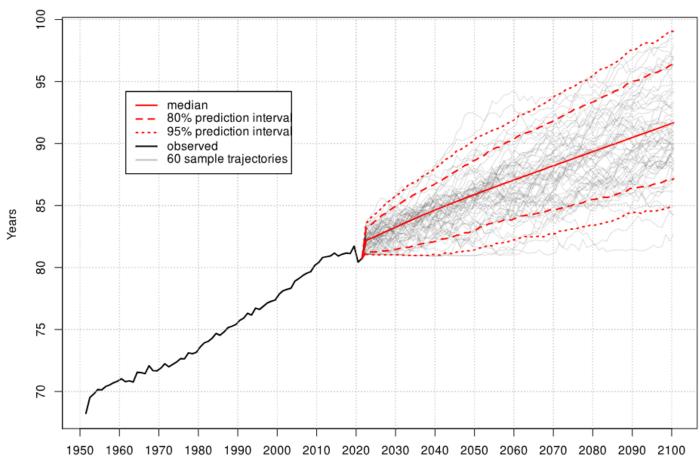




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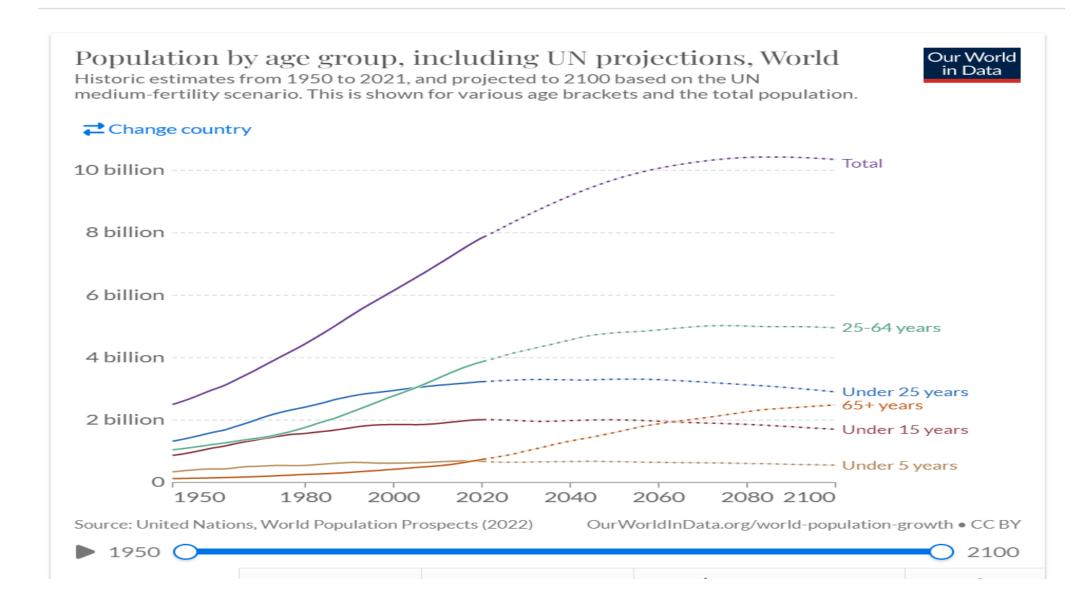
UK > Probabilistic Projections > Life Expectancy > Both Sexes

United Kingdom



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So is it all great news?

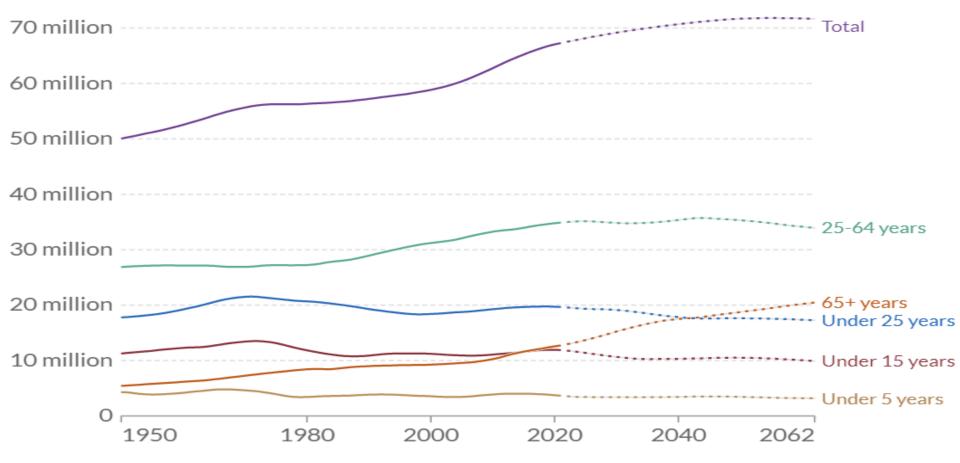


Population by age group, including UN projections, United Kingdom



Historic estimates from 1950 to 2021, and projected to 2100 based on the UN medium-fertility scenario. This is shown for various age brackets and the total population.

Change country



Source: United Nations, World Population Prospects (2022)

OurWorldInData.org/world-population-growth • CC BY

	Generation Alpha	Generation Z	Millennials	Generation X	Baby Boomers	Silent Generation
Born	2012 - 2024	1997-2012	1981-1996	1965-1980	1946-1964	1926-1945
Age	Up to 13	14-26	27-42	43-58	59-77	78+
Stereotype	Very short attention span. All information needed instantly available. Allergies, obesity and health problems related to screen time. Family Oriented. 80% dictate family activities such as holidays! Exceptional learning abilities and opportunities.	generation. No memory of life	-	at home alone whilst parents worked. Resourceful. Logical.	rates following end of the second World War. Committed. Self sufficient. Competitive.	Grew up during and after World War II; taught to be "seen and not heard". Disciplined. Loyal.
Communication	Social networks, and streaming services; low interest in TV. Create on line communities.		Text / social media / on line real time text messaging /face to face		Face to Face / Telephone Landlines	Speaking Face to Face / Formal letters
Major events	Covid 19	Global financial crisis 2008	Nine Eleven (2001)	Fall of Berlin wall (Nov 89)	Moon landing	World War Two
I conic Toys	Fidget Spinners Playstation 4 X Box 360	Nintendo DS Scooters Fashion Dolls (BRATZ)	Cabbage Patch Kids BMX Bike Little Tykes (Log Cabin/Cozy Coupe)	Lego Rubix Cube Chopper Bikes	Etch A Sketch Spacehopper Frisbee	Bubble Solution Roller Skates Toy Soldiers
Music	Smart Speakers	Spotify	iPod	Walkman /CDs	Audio Cassette	Record Player
Major Influences on lives	Internet. Tik Tok. Pandemic.	Youtubers. Internet. Parents.	Peers. Television. Internet. Parents.	Parents. Television. Books. Magazines.	Parents. Newspapers. Music (e.g. Beatles). World events. Books.	World War Two. Parents /Grandparents/ Siblings. Books.

Unsure Which Generation You Are?

Generation Alpha

Samsung Galaxy Z Flip 5G

(other suppliers are available!)

Generation Z

Smartphone

Millennials

Phone

Generation X

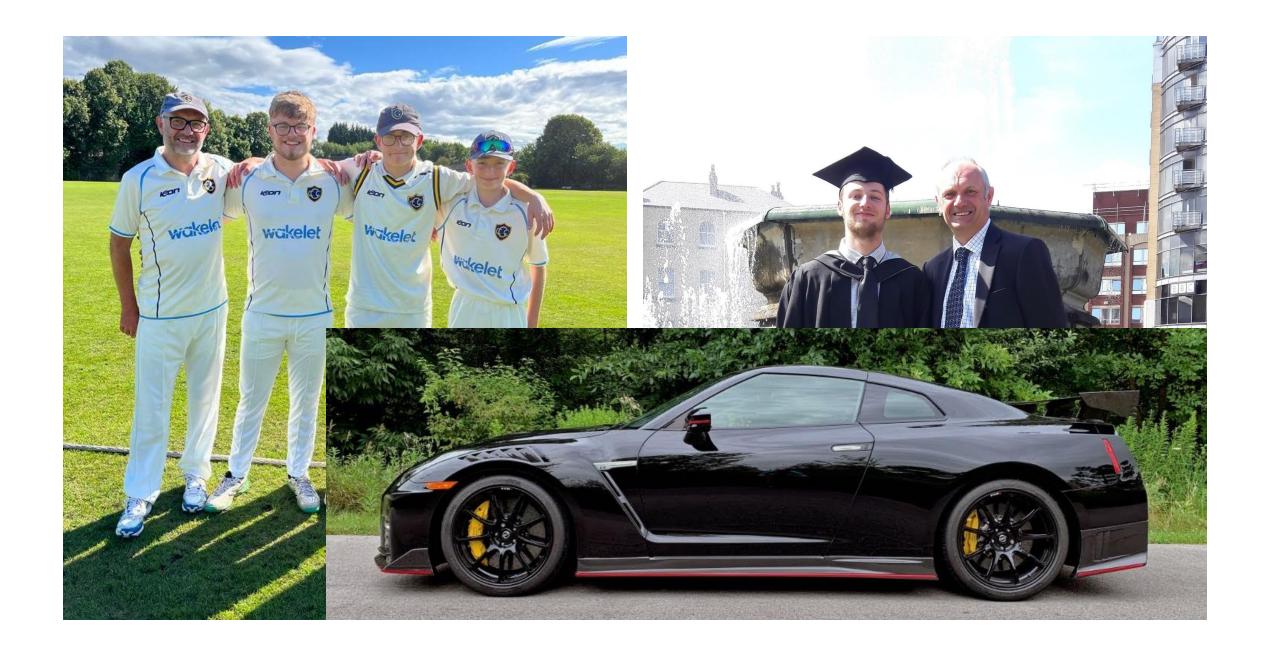
Mobile Phone

Baby Boomers









	Generation Alpha	Generation Z	Millennials	Generation X	Baby Boomers	Silent Generation
Attitude to Technology	They don't just use technology; they intuitively understand it. Navigating digital spaces, for them, is as natural as breathing. "Technoholics". Totally dependent on IT - have no grasp of alternatives. More digitally savvy than any previous generation. Will not understand and will become quickly irritated by previous generations "lack of understanding" of modern technology.	Totally dependent on IT - (born with a smartphone and a tablet) - very limited grasp of alternatives.	screen. Don't need to	Digital immigrants. Technology was growing fast but in its infancy. Understand the importance of digital and non-digital.	Early adopters. Extremely cautious and sceptical. Seen as a luxury.	Largely disengaged. Lack of understanding or interest.
Attitude to Work	No constraints on geography; massively influenced on climate change and saving the planet. Like Generation Z, but moreso, they will have jobs that do not exist in today's world. Extremely curious – will want to learn new things. As yet unknown when they will want to retire – theories on this are diverse.	Career "multitaskers" - will move between employers and job roles. Very low limitation on geography. Want to retire early.	"with" an employer	Professionally loyal (not necessarily to employer). Geography constrained. Expect to retire at 65 or earlier. "Workaholics"	Organisational loyalty. High dependence on geography. Expect to retire at 65 or return to work.	Jobs are for Life. Totally dependant on geography.
Aspiration	Predicted to be the wealthiest generation ever, financial savvy and will demand financial stability.	Security and Stability (due to global economic turbulence in formative years)	Freedom and Flexibility	Work Life Balance	Job Security	Home Ownership







- To build a sustainable Pathology services to meet the needs of our growing population we need a workforce that meets not only the needs of our patients, but the needs of our future workforce... "Generation Z" have very different career aspirations to previous generations. And there are less of them to look after a growing and aging population.
- By 2030 Generation Alpha predicted to be 13% of the workforce; by 2040 could be 50%.







This means asking ourselves some very difficult questions; for example -

- Do we need develop new roles perhaps even working across "traditional professional boundaries?"
- Are we as "attractive" as we can be to meet the needs and aspirations of our future workforce? (Opportunities for Career Change, Cutting Edge Technology, Financial Reward?)
- Do we need to take more control of ensuring demand on services is appropriate and making a difference to patient care?
- Is "Generation X" able to design a strategy to meet the aspirations of "Generations Z and Alpha"?







IN SUMMARY - We need to do things differently, and we need to act now to tackle the long-term workforce challenges.

"State of the Art" digital systems and AI in healthcare have never been so important, not just for our patients, managing increasing demand and improving productivity and quality, but because our workforce will expect it – they will only be attracted by high performance technology.

We must create new roles that are attractive to new generations, well remunerated, and which allow for their curiosity and need to learn.

Pathology will remain increasingly critical to the health of our population, and we all have a responsibility to ensure our great profession continues to provide an inspirational and







Thank you for listening, any questions?

Pathology Network Twitter:

@GM_Pathology

Pathology Network LinkedIn: @GMImagingandPathologyNetworks

Visit our Website

https://greatermanchesterdiagnostics.nhs.uk/

Or you can even send me a written letter ©





Up next...







Slido

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Darshan KumarPhD Customer Success Manager Aiforia Technologies





Q&A Panel





Lunch & Networking





Chairs Afternoon Address



Saghar Missaghian-Cully (She/Her)

Managing Director - North West

London Pathology





Up next...







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Malcolm Grant

Managing Director
TalkingPoint







Denise Cook

Executive Lead for Governance, Quality,
Leadership & Development

Berkshire and Surrey Pathology Services







Nicola West

LIMS Project Director

Kent & Medway Pathology Network







Mr. Jahran-Allen Thompson MBE

Mortuary Operations Service Manager London Borough of Waltham Forest

East London Forensic Centre

Jahran Allen-Thompson MBE





Topic: New public mortuary facility with a state-of-the-art CT scanning machine for noninvasive autopsy. Digital innovation of an underrepresented pathology service"



My Background

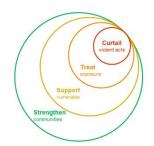
- Strict rules NO GOTE
- Outline of Myself & History
- The mortuary was staffed by 2 people
- Managed roughly 408 persons a year
- Services Invasive Post Mortem Examinations, Receipt 24 hrs, Discharge of the deceased, Storage, Forensic Post mortem, On call – Releasing out of hours
- BAU Stats Roughly 408 66% in winter PM's, 50 Sign up's, 10 Forensic cases pcm
- Myths Pathologists don't routinely eviscerate, it's not CSI
- Statutory oversight, Human Tissue Authority
- Income up 9800%
- Flexibility –















An overview of the death management process

1.Who?

Jahran Allen-Thomspon LBWF Mortuary Service Operations Manager **2.** APT by trade but in the 10 years I've been involved in this process it's changed so much.

3.London Mortuary Managers Group 4.XS
Deaths,
Mass
Fats
Groups

5. Winter pressures, reduction of impact

I'm here to lend my voice to all the agencies that stand to get them to make this process work





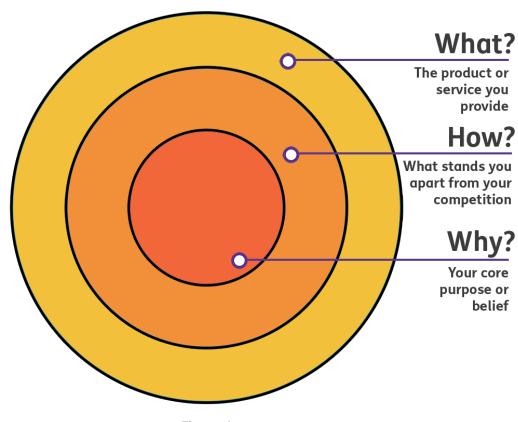


Figure 1
Ref: Simon Sinek's Golden Circle

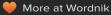
project management

口)

noui

1. The discipline of organizing and managing resources (e.g. people) in such a way that a project is completed within defined scope, quality, time and cost constraints.

Wiktionary, Creative Commons Attribution/Share-Alike Licens



Share Feedback

Battle Rhythm

Battle rhythm is a deliberate daily cycle of command, staff, and unit activities intended to synchronize current and future operations (JP 3-33).

Within the operations process, commanders and staffs must integrate and synchronize numerous activities, meetings, and reports within their headquarters, with their higher headquarters, and with subordinate units. They do this by establishing the unit's battle rhythm.

An effective battle rhythm—

- Establishes a routine for staff interaction and coordination.
- Facilitates interaction between the commander, staff, and subordinate units.
- Facilitates planning by the staff and decisionmaking by the commander.







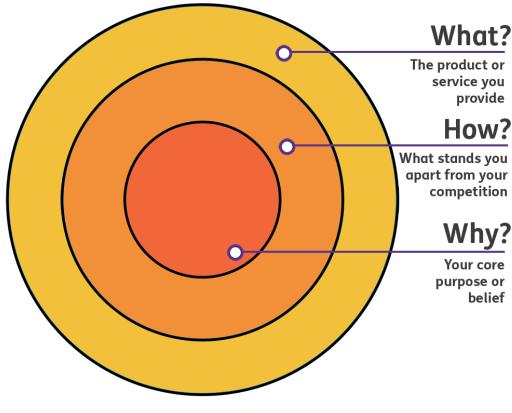


Figure 1
Ref: Simon Sinek's Golden Circle





11 12 13 14 15 16 17 15 16 17 18 19 20 21 14 15 16 17 18 19 20 13 14 15 16 17 18 19 18 19 20 21 22 23 24 22 23 24 25 26 27 28 21 22 23 24 25 26 27 20 21 22 23 24 25 26 27 20 21 22 23 24 25 26

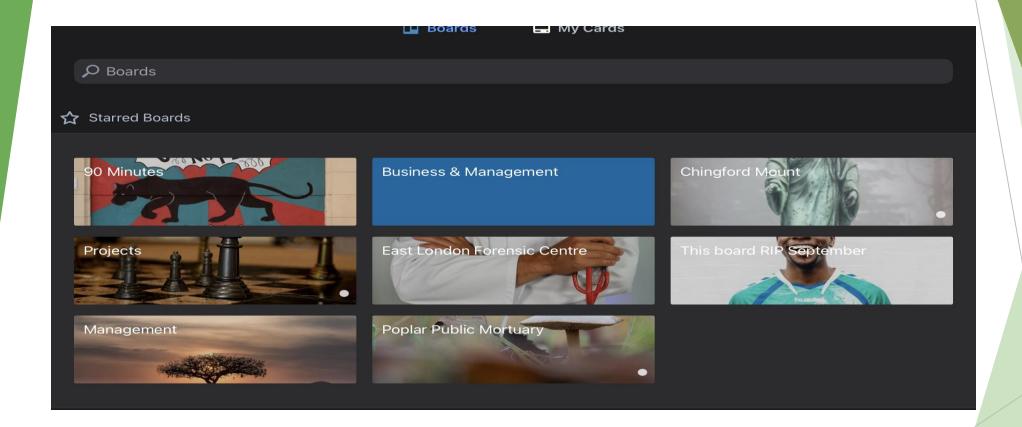
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25 26 27 28 29 30 31 29 30 31



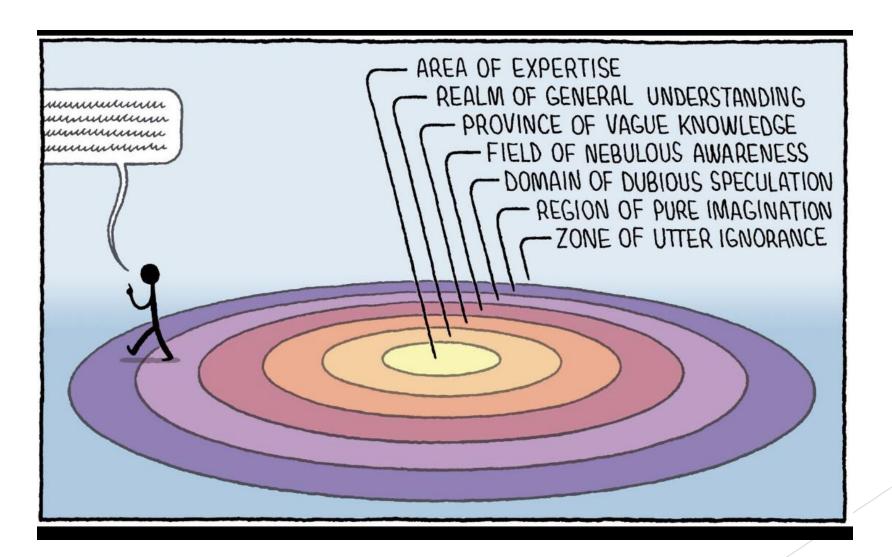
27 28 29 30

How?





How?





THE MIND

The ability to construct a connected series

of mental scenes from past personal

experiences, to recall the past, understand

the present

Material Reasoning Interconnected Reasoning The ability to reason about the physical The ability to see connections that others may miss and create narratives that can characteristics simplify complex products or tasks. of objects and the material universe PMCT-Imagery and 3D structures **Dynamic Reasoning Narrative Reasoning** The ability to recombine elements of the

past to predict or simulate the future or

reconstruct the unwitnessed past.



HOW I CAN SUPPORT

Skills

- Active learning
- Management of personnel
- Critical thinking
- Complex problem-solving
- Programming
- Systems analysis
- Active listening
- Writing
- Science
- Technology design
- Learning strategies

Abilities

- Originality
- Spatial abilities
- Idea generation and reasoning abilities
- Visual abilities
- Perceptual abilities
- Quantitative abilities
- Verbal abilities

Tasks

- Creativity
- Social influence
- Innovation
- Leadership
- Social orientation
- Autonomy
- Initiative
- Analytical thinking
- Responsibility
- Cooperation







Strong



What?

HSE

HEALTH BUILDING NOTE 20

Facilities for mortuary and post-mortem room services

2005

STATUS IN WALES

APPLIES





Advisory Committee on Dangerous Pathogens

Infection at work: Controlling the risks

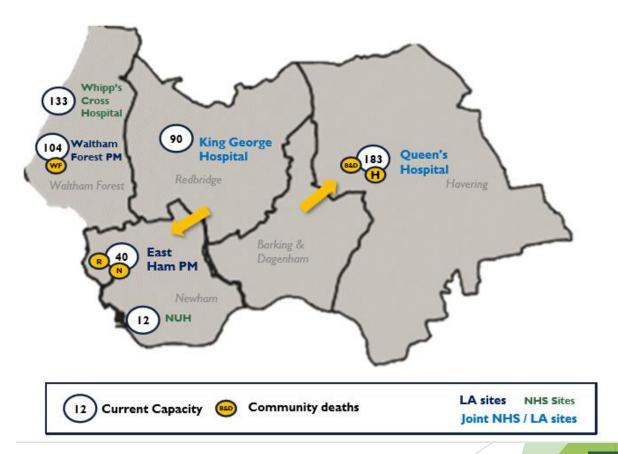
A guide for employers and the self employed on identifying, assessing and controlling the risks of infection in the workplace

- Corporate License Holder
- Designate individual- Me
- Persons designate My and ears



Risk

- During Covid waves we facilitated roughly 55% of 2019's total throughput in 2 months
- The future see's us reinvesting in the mortuary service
- Borough Lead Coronial borough for jurisdiction
- Locations (logistics)

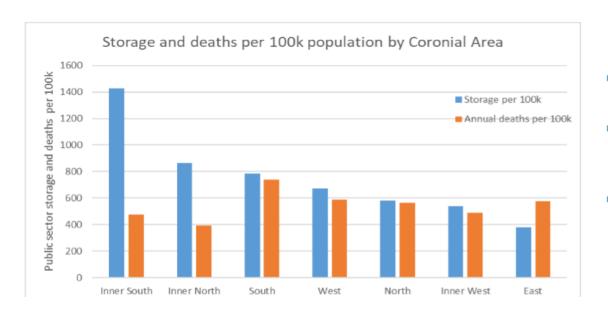




Challenge

- Impact of Covid
- Inadequate provision for storage in East London
- Acted as superhub

POPULATION-STANDARDISED STORAGE AND DEATHS



- Range of storages proportional to population...
- In 4 of 7 areas, storage is well matched to average annual deaths per 100k population.
- Following slides explore the difference between storage and deaths on a weekly basis



Press

EAST LONDON Guardian

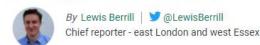


News Sport What's On Competitions Announcements Hammers News E-Editions

News

8th April 2020

Mortuary built in Leyton as authorities prepare for coronavirus deaths



EXCLUSIVE: Second vast mortuary is being built in east London on a site previously used to store rubbish trucks near primary school and sewage plant

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Latest Headlines | Covid-19 | Royal Family | Boris Johnson | Prince Harry | Meghan Markle | World News | Head

- · Workers in Waltham Forest are preparing three large white tents to house bodies
- . The new site, at Low Hall Depot in Leyton, spreads over nearly 10 acres of land
- · It is close to houses and a primary school and is six miles from NHS Nightingale
- It comes after MailOnline disclosed a morgue was being built in nearby Newham



ML MyLondon

'It's like a war zone, I'm on call 24 hours': Hackney funeral director on coping with Coronavirus pandemic

... while hospitals might have mortuaries where corpses can be stored, ... areas including Tower Hamlets, Waltham Forest, Redbridge, Barking, ... 16 Mar 2021

East London Forensic Centre

Overview of the process

- 1. A lot of time has been put into the framework to allow you have a guide to use within your Coronial Area on your local Response to Excess deaths..... for my sake.
- 2. This is very complicated due to interagency working relationships.
- 3. Adding the death tole in an excess deaths event will mean this process is inclined to bottleneck. 5. E

- 4. Page 31 Key information for your borough attack rate; 200-2500 Sam H1N1 one month, saw tooth! Uk 55-750 National London 700-95k Borough Population 276k Mortuary storage 45 Contingency 90?? What's your normal death rate? Registrar's? Crematoria? Cemeteries?
- Verification of Death

 Identification of Deceased

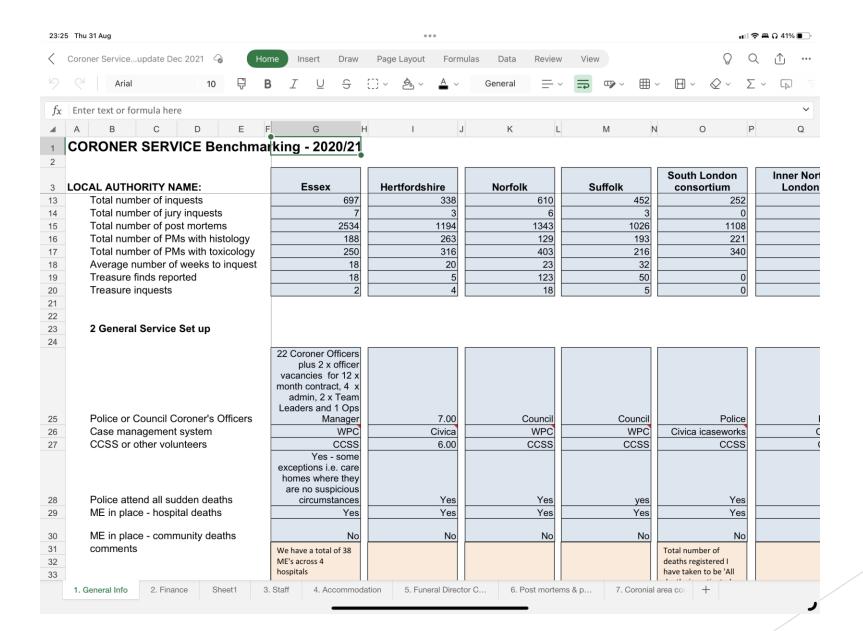
 Certification of Death

 Registration of Death

 Registration of Death

 Burial or Cremation of Deceased
- 5.Before the national response is triggered [Pg 5] has more information.
- these are the secondary response contingencies that are on your table for inject 3 ... these will be printed unless you ... our best and brightest help us to improve this framework as we will all be effected in some way by Xs deaths







Verification of Death

- ▶ Verification of death means declaring life extinct.
- ▶ This allows the body to be moved from the place of death to a mortuary/ funeral director.
- ▶ In some areas of England, registered nurses are already able to verify death, as well as ambulance staff.
- ▶ Deceased persons should not be taken to hospital for verification of death.
- **1.** Note to page 16. our capacity assessment.

2. Page 19 is a little important so we've made it bigger so everyone can feed into the framework before it's locked in stone in January.



Identification of the Deceased

- ► The identity of the deceased must be confirmed in order for the certificate of death to be issued and the death registered.
- ► This may be challenging for flood victims or those who die without family present and have no ID, but there are well embedded procedures in place to do this.
- ► Every attempt should be made to identify the bodies at the site where they are found.
- ► Tags should be attached to the bodies that provide the name (if known), approximate age, sex, and location of the body.
- ► Traceability [HTA T1C]



Certification of Death

- ▶ Death certification provides assurances to the relatives and friends of the deceased concerning the cause of death and of the absence of misconduct in relation to the death.
- ▶ It also plays an important role in public health surveillance.
- ► The Department of Health and Social Care are responsible for setting policy relating to the certification of death.
- Coroner's service, Registrar, cemeteries, crematoria capacity, resilience,



Registration of Death

- ▶ In England, all deaths need to be registered within 5 days of death.
- ▶ A medical certificate of cause of death is required for this.
- ▶ A registrar may not register a death that has been reported to the coroner without authority from the coroner to do so.
- ▶ Registration is important for the bereaved. Documents are required to collect insurance, settle estates, award guardianship of minors and ownership of property, remarry, as well as many other legal issues that will benefit survivors.
- ▶ Primary and secondary contingencies suggest some after you've read the document.



Storage of Deceased

- ► There must be a designated space for bodies, prior scheduled purposes such as autopsies, and following release to families and funeral homes
- ► This is a crucial aspect of the death management process- a lack of storage can inhibit other aspects of death management.
- ▶ Bodies should not be stored at cooling temperatures for more than 7 days.
- ► Emergency temporary storage facilities **are not subject to licensing**. This is because the bodies are not being stored for a scheduled purpose.
- ▶ Where there is doubt about cause of death and post-mortem examination is authorised, bodies may be stored for up to seven days in the emergency temporary storage facility before being moved to the licensed premises where the post-mortem examination will take place.
- Where bodies need to be stored in temporary facilities prior to an examination; these facilities will be subject to licensing.
 - Facilities can include public or hospital mortuaries, specialist storage units, suitable warehouses or chilled buildings, so long as they are suitable secured and chilled.
 - ▶ If this slide is confusing and you're one of the many agencies involved in this process ... call them they're very helpful and will be able to feed into your contingency planning

- Command if licensed
- Coordination if not
- Waltham Forest are trying to plan long term to manage this process..... We're building a bigger mortuary
- If you cant what can we do... test the math in your current BCP
- The winter is routinely busy so I get to trigger my contingency and go away and tweak it annually.

Traceability [HTA T1C]



Further information

- ► HTA Licensing:
 - ► Contact HTA Emergency Planning team re Licencing, HTA EP Team 020 7269 1900
 - It's online with a guide yes another document to read
 - If I read it to you this wouldn't be an overview



Transport of Deceased

- The deceased must then be transported to a suitable facilities for storage, post-mortems and testing, and funeral parlours.
- ► This area of the death management process is not heavily regulated, excluding health and safety requirements such as manual handling

Means van racking and refrigeration aren't legal requirements but dignity, religious considerations need to me made

Local arrangements for stock? Body bags for example



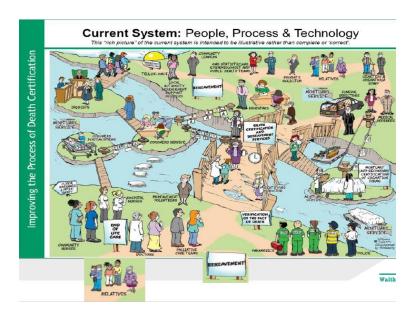
Disposal of Deceased

- ► The final disposal of deceased can be done by burial or interment.
- ▶ The national planning assumption is that typically 75% of people prefer to be cremated and 25% buried.
- ▶ It is likely that in London as a region, due to machine reliability issues and the fixed number of cremator machines available, cremation capacity cannot be increased.
- ► More bodies must then be buried in order to avoid the requirement for bodies to be kept in storage for more than 4 weeks due to public health issues.

What are your Local plans? if they stall what next? This will put more pressure on your storage.



The process involves many people and will be prone to bottlenecks during an excess deaths event....

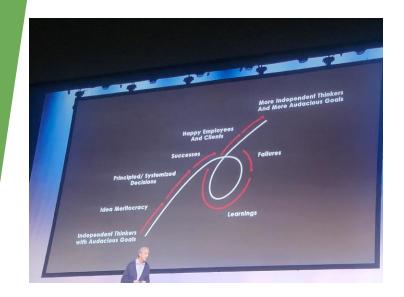


- 1. I modified this picture a little, bereavement is sometimes sudden, in an Xs deaths this system will still be running business as usual and under pressure
- 2. I'd like to take the opportunity to thank every one of you for the role you already play in ensuring families can cross this void.

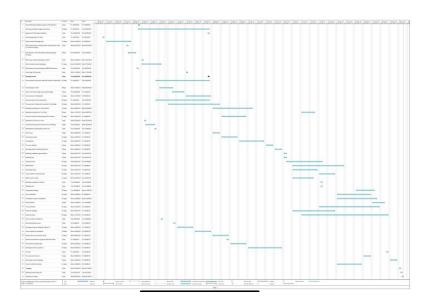
 [Look how many come together to help a family make that journey]



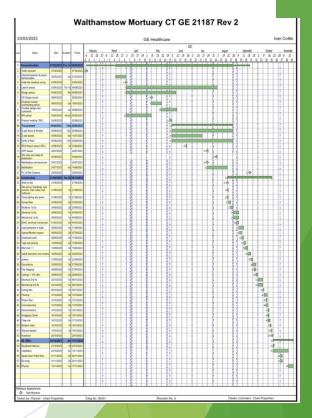
See Gant Chart dates



Gant Chart Opening January 2024



30 Day Project Planing completion window by day 3





Resources, Rules and Tools

Trello - Make account

Team – available from day 1 (meetings/workshops must be booked)

SharePoint-

LBTH – Town Hall Meeting Location



LBWF - Town Hall Meeting Location



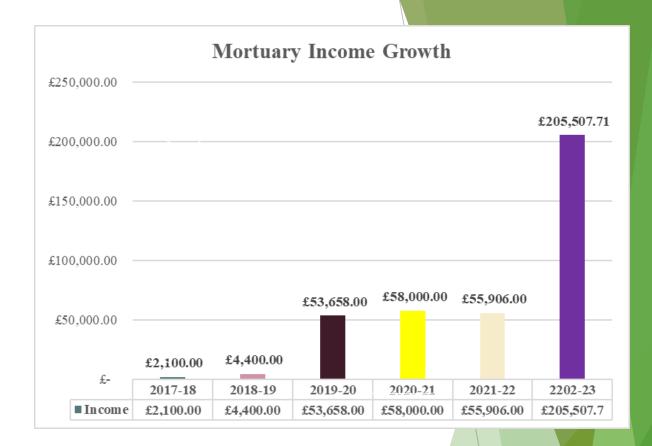
- Mission Evolution "Helping provide answers."
 - o Next 10 @AllBayes
 - Goals: Extend the Moat, Lead the industry, Innovate and automate
 - o Roles: @AllBayes Projects need to understand the wider vision
 - Process: Review Next 10 and Trello once accounts have been made to add yourselves to relevant cards, meetings will be set by Team including you to allocate tasks
 - Interpersonal: Team are subject matter experts for interview and support re documents, I must sign off on actions if they involve other team members this will be done via meeting with prepared briefing including projected ROI

Partners
Code of conduct – student
agreement



Finances

 Finance has assisted in calculating operating costs – I'd like you to examine this data.





Partnerships

• Strategic Partnerships – Forensic Science, Imaging, Universities, London Mortuary

Managers Group, Training provision

o **Goals**: monetise relationships

o **Roles**: understand existing work done

o **Process**: assist with next steps

























Finance Breakdown

Finance – Income Projects, 876k PA income target from Yr 2,

o Goals: Return On Investment from Income Projects crystallisation

o Roles: Member

Process: address income projects,

o **Interpersonal**: council rules, Lbth/wf meeting minutes , workshops

During my tenor income has risen from 2.1k to 205k a 9800% growth in income.

Reasons for income:

Essex Coronial SLA – Essex coroner has had difficulty utilising the NHS for post mortem provision.

Storage for NHS & LA's – due to busiest year for deaths in 50 years

Consultancy for other LA's – Regarding mortuary service provision

Site work for other Coroners – Southend Hospital, Broomfield hospital,

Management of other Mortuaries - LBTH



5 Years

Automation

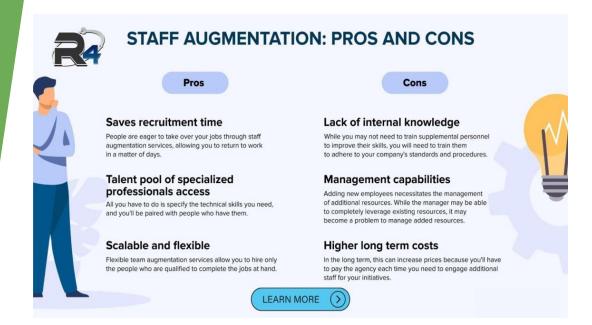
Furthermore, by using automation, we can streamline the entire process, minimizing the need for long manual processes and maximizing staff productivity. By automating certain tasks, we can reduce the likelihood of human error, allowing us to provide more accurate and reliable results.

See Finance Breakdown

See Next 10



New Technology





5 Years

Robotics

Robotic reconstruction - Cranfield and Hatfield university have both expressed an interest in this idea and have access to funding streams

Robotic Grave Digging - Cranfield and Hatfield university have both expressed an interest in this idea and have access to funding streams

Also Cranfield is linked to Airbus and BAE systems

Augmented Reality / Mixed Reality

The utilisation of this technology will allow us to pioneer the use of this technology in a post mortem setting

Missing Persons

Using automation to form a system that uses AI to recognise unidentified deceased and match to a database

- **New Technology** AI, Automation, Acuvate Scoping, Computer vision, robotics
 - **Goals**: assist with roll out, scoping and risk assessment/mitigation
 - **Roles**: review meeting notes on above meet to strategy inside 3 days
 - **Process**: support with documents and tactics



Marketing





Marketing -

Podcast - Succeeding with Dyslexia 27th April

I'm scheduled to appear on this podcast on the 27th to discuss my journey

Forensic Science/ Post-Mortem Society

I have one intern from Bournemouth university currently studying forensic <u>science</u> <u>who's</u> set up a post mortem society to provide us a route to access other forensic science <u>students</u>, this should lower our staffing costs.

A mortuary manager can utilize a podcast to amplify the key messages from a PMCT service in a number of ways, including:

- Interviewing experts in the field of PMCT. This is a great way to get the word out about the benefits of PMCT and to learn more about how it can be used to improve patient outcomes.
- Sharing stories from patients who have benefited from PMCT. This is a powerful way to show the real-world impact of PMCT and to help people understand how it can help them or their loved ones.
- Providing educational content about PMCT. This can include things like explaining the procedure, discussing the benefits, and answering common questions.
- Promoting the podcast through social media and other channels. This will help to reach a wider audience and get the word out about the benefits of PMCT.
- Marketing Walk Wiv (media company), MBE Party, Podcasts
 - o **Goals**: promote our service
 - o **Roles**: assistance with lapsed actions from meetings
 - o **Process**: review marketing strategy



Research and Education

Waltham Forest Mortuary proposes the opportunity for MSC students to explore entrepreneurship via the new mortuary facility, assisting in various processes and projects.

This allows students to utilise their skills to liaise with companies and contractors as well as working in a collaborative team to ensure maximum workflow.

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We provide students with a space to explore ideas and learn in the process. Benefitting the students by being a part of a unique and innovative business model, open to further expanding of ideas and innovation.

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As part of our commitment to developing the next generation of professionals in our field, we offer placements, internships, and work experience opportunities to students interested in gaining an understanding of the roles and workflow of the mortuary. We have found that typically forensic science or science students are drawn to this line of work, and we are delighted to provide opportunities for them to learn and grow.

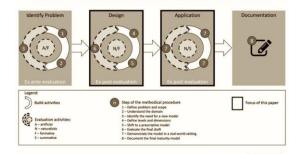
We have successfully taken on university students for placements and internships in the past, and we have also accepted volunteers to gain work experience. However, we understand that under 18s should not be exposed to some of the technical work that we do in the mortuary. Therefore, we are drawn to taking a more suitable approach by offering online learning opportunities that provide insight into the work we do.

- Research and Education <u>Apprenticeship</u>, Online courses, Consultancy, <u>Innovation</u>
 - o **Goals**: assist in development of apprenticeship and other education
 - o Roles: review notes and Trello to understand existing work done
 - o **Process**: suggest where support for quick wins can be given



Macro level Overarching framework Meso level Community Micro level Individuals Patients Providers Providers

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Description of process & structure	Level 1: Preplanning Chootic	Level 2: Preparation Coordinated environment	Level 3: Initiation Controlled environment	Level 4: Stabilisation Consistent execution	Level 5: Confirmation/ Expansion Quality and productivity	Level 6: Professionalisation Continuous improvement
Status of telemedi- cine initia- tives (ST)	First small-scale telemedicine pilots are developed by practitioners.	Small-scale telemedicine pilots are centrally coordinated.	Large-scale telemedicine initiatives are officially developed (community administration).	The large-scale pilots are focussed on long- term success.	The telemedicine initiatives are successfully implemented.	Telemedicine initiatives are operating/running.
Community involve- ment (CI)	Individual members of the community (<10%) use existing telemedicine solutions.	A small part of the community (10-50%) supports existing telemedicine initiatives and uses existing telemedicine solutions cautiously.	A small part of the community (10-50%) supports existing telemedicine initiatives and uses existing telemedicine solutions actively.	The majority of the community 0-50-85%) supports existing telemedicine initiatives and uses existing telemedicine solutions with varying intensity.	The majority of the community (>50-85%) supports existing telemedicine initiatives and uses existing telemedicine solutions actively.	All stakeholders within the community (-85%) are actively involved in existing telemedicine initiatives, the surrounding conditions are continuously improved, new initiatives are absorbed.
Evaluation measures (EM)	First evaluation studies are planned.	The study design of the evaluation study is tailored to the respective TI.	First studies are conducted, results are not available yet.	Effectiveness is proven in first studies.	Long-term evaluation is conducted in real-world setting and gains positive results.	Continuous evaluation is conducted in real- world setting and gains positive results.

Management

Documenting the findings: The outcome of the multi-disciplinary team meeting should be documented and shared with the relevant stakeholders, including the family of the deceased.

I believe that these steps will help ensure that multi-disciplinary team meetings between radiologists and pathologists are productive and effective, leading to better outcomes for families of the deceased. If you have any questions or concerns, please do not hesitate to reach out to me.

- Management <u>Mortuary</u> as a Shared service , LBTH, 1:1's Performance management and goal setting , <u>Multi disciplinary team meetings</u>, Jahran <u>SOP</u> , Rest , clear review, EDI, <u>HTA</u> <u>Board application</u>
 - o **Goals**: Develop service/ resources, myself
 - o Roles: oversee interactions, overhaul management board
 - o **Process**: assist in meta cognition, advise on Strategy
 - o **Interpersonal**: access to trello board, conduct interviews, update cards, workshops



Future Plans

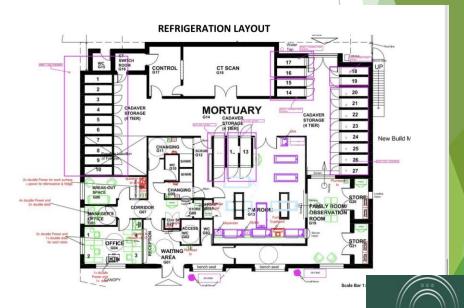
- Not fit for purpose H&S and Human Tissue Agency inspections
- Investment in state of the art digital autopsy suite
- Will be able to scan bodies and determine cause of death in 90% of cases
- Significant reduction in traditional evasive post mortems
- Aligns with 'Dignity in Death' philosophy
- Increased freezer and fridge storage
- Greater resilience for further pandemics/mass disasters
- Income generating opportunities







London Forensic Centre



Any Questions?







Q&A Panel





Thank you for attending The NHS Pathology Conference South 2023!





Register for the next NHS Pathology Conference in February 2024....

