CellNass
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YOUR SPACE

LATEST NEWS FROM THE CELLNASS DEDICATED ARCHIVE MANAGEMENT SOLUTION

A Service Provided by CellPath
INNOVATION IN CELLULAR PATHOLOGY

ISO 14001
ISO 13485

HTA
Licence No. 12434

Welcome Back

Welcome back to Your Space, it's our first issue post covid during which time a lot has changed at CellPath. The most exciting development has been our integration into the StatLab Medical Products family, allowing us to provide an even more efficient and high-quality service that our name is synonymous for.

CellPath's mission is "to be the partner of choice in Cellular Diagnostics", through our innovative, passionate, professional and ethical approach, and this will continue to be at the heart of our operations as we develop and expand alongside StatLab.

In this issue of Your Space you will find the latest CellNass news, an introduction to our new Operations Manager, the latest record breaking CellNass statistics, and some wise words from our inhouse Histologist Colin Brewer. Also included are case studies and articles, and a few puzzles thrown in for good measure.

We would like to wish our customers a successful year and look forward to bringing to market further developments to our CellNass service. We believe it's going to be an exciting 2023 and beyond.

Paul Webber
Director

A New Chapter

There have been many exciting developments since our last issue of Your Space. To name just a few, we have increased our archiving capacity to store your paraffin blocks and microscope slides, welcomed new recruits to our expanding CellNass family, and May 2022 saw us acquired by Texan based company StatLab Medical Products.

Founded in 1976, StatLab is leading the way in the development and manufacturing of high-quality histology, cytology and immunohistochemistry diagnostics products. Mike Karsnovovich, former CEO of StatLab said; "We have long respected CellPath for their well-earned reputation of delivering innovative products that solve problems for labs, and are proud to welcome them into the StatLab family of brands."

Philip Webber, Director of CellPath, added "StatLab is an excellent fit for us; their US market presence and business infrastructure will help jointly expand customer access to products and services as a global market leader. We also appreciate their leadership commitment to ensure we maintain the high levels of service and quality that our family business is known for as we partner as one organisation."

As far as our customers are concerned, it's business as usual, as we continue to offer the same level of quality service and communication we have become known for.

The StatLab HQ in McKinney, Texas

Our Business Development Manager Simon Owen meeting with the StatLab team at USCAP

New Archive Facility & Wellness Centre

Ground was broken in 2020

The spacious and comfortable rest area

The new building in CellNass blue

No spinning allowed!

In 2022, CN4, our new archiving facility was completed and officially opened. Not only does the facility significantly increase our archiving capacity, but it also houses a new kitchen area and spacious canteen for our workforce. There's even a foosball table in a separate games area, where some highly competitive matches have taken place!

As the CellNass demand continues to grow, continued investment is vital to ensure we have enough space to accommodate all of our customers' materials safely in a controlled and secure environment.

We continue to operate an open door policy at CellPath, so if you would like a tour of a facilities please don't hesitate to contact our team.

Meet the Manager

Kieran Purcell joined us in November 2022 and has been implementing changes to improve and streamline CellNass operations. Kieran's role includes everything from the day-to-day management of the team, training, ensuring that everyone has the correct equipment for the job, strategic planning and implementing any changes across the business. Kieran is always looking at ways to improve the efficiency of CellNass whilst positively impacting customer experience.

We asked Kieran why he chose to join CellNass; "It's an interesting company to work for, as there's nothing else like it. So, when the opportunity came up, it was definitely something that appealed to me. My previous role was in waste management, which had a strong focus on health and safety, and I knew that would be important for this role."

Currently Kieran is beginning a procedure to cross train everyone in CellNass to advance the speed in which they can get the recalls out. The CellTrak website is also being overhauled to enhance its functionality whilst making it as user friendly as possible. As our customer base is often exceptionally busy, they need to be able to request their materials accurately and quickly, which is the main driving force behind these changes.

We asked Kieran what he most enjoys about being Operations Manager at CellNass; "What I love is that it's not just a job, you know that what you're doing has a genuine impact. We know that we can get samples back to hospitals that could be part of a chain that helps a real person, and that level of job satisfaction is hard to beat."

CellNass Statistics

100%
customer retention

5,355
average weekly blocks & slides recalled

303,249
materials recalled last year

30%
higher average recalls than last year

Colin's Column

Colin Brewer
CellNass Designated Individual

It's been a few years since we have been able to do a 'Your Space' newsletter!

Much seems to have happened in that time. World health has been excellent, Britain has had a plethora of Prime Ministers and why would one expect that there would be War on the continent of Europe?

We now have CN4 (the fourth CellNass archiving building) up and running and filling up nicely. There are plans in place for major expansion of the CellPath facility which will free up even more space for CellNass. The CellPath company has been acquired by StatLab, which has been very positively received, mainly due to their investment in the UK operation right from the start.

There has been some changes in the management of the CellNass operation with Kieran Purcell taking on the role of Manager and also now being one of the HTA Persons Designate alongside Ryan Williams, from the CellPath Quality team. They are the links when I'm in my semi-retired state which is still continuing. (Recommended!)

While talking about the HTA, we had our 3rd inspection, this time in a virtual mode which went extremely well again. Please feel free to have a look at it on the HTA website should you or your hospital think that it's relevant. It may have been noticed by some of you that we have gone from expanded plastic supports within our CellNass returns boxes to a new cardboard version. This makes it fully recyclable and significantly 'Greener' than the original. You might want to note this to your Hospital as part of its Green initiative!

Another major initiative for us is that CellPath, through CellNass, is now the exclusive UK distributor for Dreampath Diagnostics, initially offering their Crystal and Fina onsite slide and block storage system, see pages 7 and 8 for further details! This is a perfect synergy with our CellNass service as eventually the onsite stored material will in many cases need to be transferred to our facilities here in Newtown. Finally, we now have Lauraline Winter in our Marketing team, who will be driving forward the Your Space newsletter for more regular publication!

Case Study

Royal Gwent Hospital

The Royal Gwent Hospital (Ysbyty Brenhinol Gwent) is a local general hospital in the city of Newport, managed by the Aneurin Bevan University Health Board. It provides first-class care to the residents of Gwent and South Powys with a range of services focussing on delivering general and routine care. We spoke with Anthony Wilson, Celluar Pathology Operations Manager, about their experience using the CellNass service.

What were your reasons for utilising off-site archiving and why did you choose CellNass?

“We have several hospital sites that have storage areas in them, and we wanted to consolidate them, but the primary driver was that we’d run out of room. A lot of the areas the material was stored in was inappropriate and scheduled for demolition, so it was important to get it all in safe and secure location. CellNass was on the radar, we’d heard about it via CellPath, but we’d also been hearing about it for a long time previously, so CellNass became the solution for our storage requirements.”

How have you found the CellNass service overall?

“Excellent, no issues at all. Communication has been excellent, and it’s involved all the appropriate steps. The uplift team do a fantastic job, they are very helpful and whoever is on-site for the uplift co-ordinating and organising the whole team is absolutely brilliant. They turn up on time, they do what they say they are going to do, if there’s a problem they sort it out. In summary, we are very pleased with the outcomes.”

What benefits have you noticed since using CellNass?

“The main thing would be the reassurance that our materials are secure and in an appropriate storage area, where the temperature is controlled, and the security is paramount.”

Are there any areas in which we can improve our service?

“No, it’s all going smoothly. We are currently arranging the next uplift and that process has been rolling along nicely. Within that uplift we are going to return all of the material that has been recalled within the last 12 months. When we do a recall, we don’t tend to return the materials straight away, we normally retain them for a year and then send them back, and as I say it’s continued to run smoothly, I can’t think of anything CellNass could do better.”

Exclusive distribution

We are delighted to announce that we have recently become the exclusive UK distributor for Dreampath Diagnostics.

Dreampath Diagnostics develops solutions for pathology laboratories, seeking new and innovative solutions to help automation, workflow, and digital traceability. The company was born from the growing need for more robust, reliable, accurate and safe access to paraffin blocks, the most precious item in a pathology lab.

As a result of this exciting agreement, we now supply both the Dreampath Fina and Crystal on-site archiving systems, perfectly complementing our CellNass complete archiving off-site solution.

Fina and Crystal are the world's first fully automatic on-site block and microscope slide archiving and management system that allows you to manage your materials and help reduce the resources involved in the archiving and retrieval process.

Fully automated sample traceability and archiving

Each patient is unique and so are their samples, which is why ensuring they are safely stored and organised is so important. The Fina and Crystal help to eliminate sample loss and allow users to safely retrieve blocks and slides, the simple intuitive software makes managing blocks and slides easy and effective.

Fina and Crystal adapt to your lab with endless configurations, allowing users to connect from different rooms, labs, or sites: this allows the user to run reports, create picking lists from any location, dispatch them, and so on. They are also compatible with LIS systems for Webservice, file transfer, and HL7.

DREAMPATH

The FINA block management and CRYSTAL slide management systems are designed to fully automate sample traceability and archiving of tissue blocks and slides.

Speed

- Accelerates access to your samples
- Accelerates your processes

Traceability

- Know where your samples are at all times
- Visibility into who retrieved a block, why it was needed, and when it is due to return

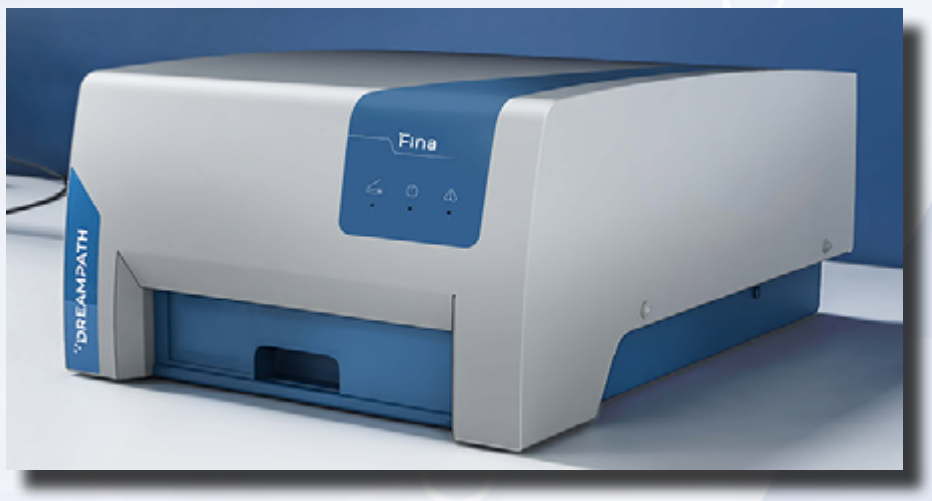
Productivity

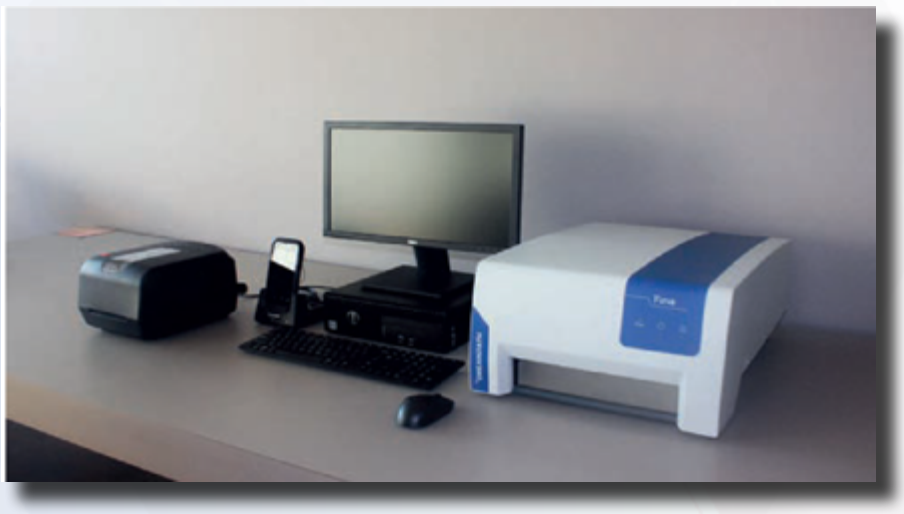
- Significantly reduces your resources involved in archiving, sorting and sample search
- Increases the capacity of your lab
- Better use of your resources towards more value-added tasks

Safety

- Eliminates risk of errors and sample loss, potentially causing a delay in diagnosis

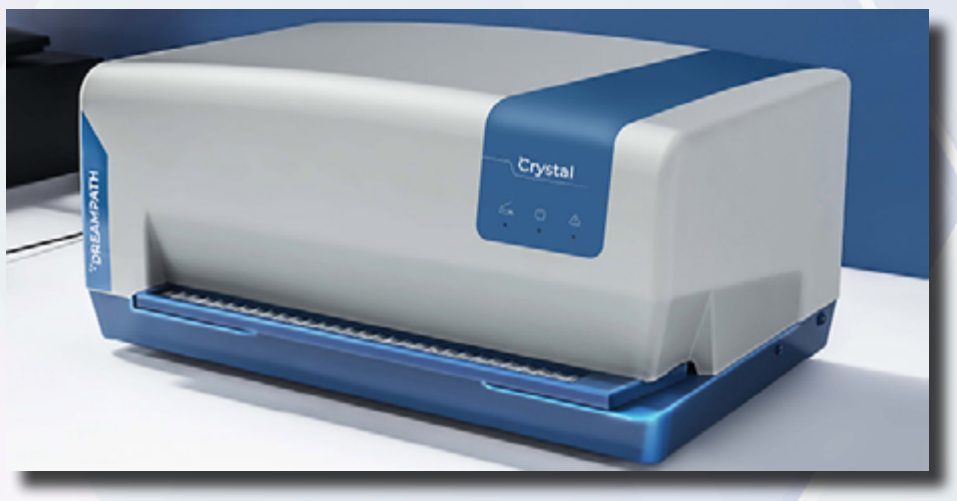
Find out More
info@cellpath.com

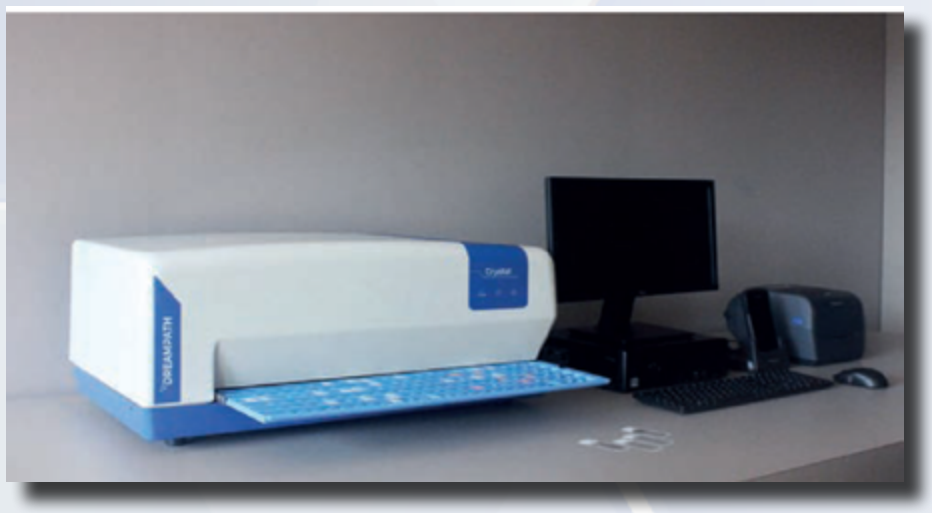




Database Safety

Your data is always safe and secure with Fina and Crystal. The technology employs redundancy backups, local backups, lab server backups and data recovery procedures. Fina and Crystal are also compliant with the latest Cybersecurity protection, penetration tests are performed regularly by IT security experts and are available upon request.





High Quality, Secure & Automated

With the development of new targeted therapies, increasing population and longer life spans, the number of patient samples is growing exponentially. Many laboratories are already taking advantage of the Crystal & Fina systems and seeing an increase in productivity as a result. CellNass and Dreampath both uphold a mission to protect patients by offering solutions to improve lab workflows and sample integrity, and with the Dreampath Fina & Crystal, a high quality and dedicated solution is available to achieve exactly this.

Case Study

UHW Cardiff

The pathology department at the University Hospital of Wales Cardiff (UHW Cardiff) is responsible for carrying out processing of patient tissue for diagnosis of cancers and other diseases. Last year they processed almost 45,000 patient cases, leading to production of around 85,000 blocks and over 600 mega blocks. All of these must be retained and stored securely in case of recall for further investigation or treatment. As part of technological advancement they have recently invested in the Fina block management system from Dreampath to facilitate ordered and traceable storage, and simple retrieval of patient blocks.

Profile

University Hospital of Wales in Cardiff first opened in 1971 and is part of the Cardiff University School of Medicine. Previously part of Cardiff & Vale NHS Trust, the hospital is now operated by the University Health Board and, as the largest hospital in Wales serves a population of over 450,000. LEAN workflow is a key part of their practice, enabling them to maximise throughput and achieve best possible turnaround time and minimal costs.

Scott Gable is the Cellular Pathology Services Manager at UHW Cardiff, managing a team of around 50 full time equivalent staff. Last year they processed almost 45,000 routine surgical requests as well as over 15,000 non-routine, speciality cases from paediatrics, neuropathy, foetal and post mortem pathology. They are also a regional neuro centre as well as providing a regional service for breast HER2 screening.

As part of the Royal College of Pathology guidelines on retention and storage, processed patient blocks must be retained for 30 years. Due to a range of factors such as the ageing population, increased cancer detection and improved treatment methods including personalised medicine, the volume of blocks has significantly increased month on month in recent years to well over 7,000 per month by the end of 2016. Secure and traceable storage is therefore a vital consideration.

Cardiff has an excellent LEAN set-up for optimum laboratory throughput. This includes implementation of a triple line processing path and through the day processing using their bank of tissue processors. Each block is sectioned, checked, sorted, filed and then archived.

Previously, and in line with common practice in histology laboratories, Cardiff used cardboard boxes to store patient blocks. An average of over 360 blocks per day meant that this was a very labour intensive and risk laden process, as misfiling a patient block can have significant implications for patients further downstream. Additionally, a typical block can be recalled a number of times over its lifetime, and the manual process of ordering the blocks numerically further adds to the burden and increases the potential for error.

All blocks are labelled with a unique identifier- an accession number- which is used to identify patient cases. 2-D barcodes on the blocks encrypt the accession number. Blocks are also scanned upon sectioning, and the unique barcode is also printed onto the slides for continued traceability throughout the workflow.

In 2016 Cardiff began discussions with Dreampath regarding the potential of trialing the new Fina block management system. Their ultimate aim was to improve efficiency within the department and, importantly reduce the risk associated with lost patient blocks. A decision was made to test out the Fina system for a period of time in order to make calculations of potential benefits and savings in the laboratory.

The FINA management system

The Fina uses a system of filing blocks in durable plastic trays, each identifiable by a unique code. At the end of the shift, or when the tray is filled it is simply inserted into the scanner. Each block is scanned, photographed and recorded in a database and the tray can be placed in purpose designed cabinets. User selectable locations can be created in the system to map the exact location of cabinets and trays. As the trays and blocks are all barcoded for complete traceability, and all data is stored in the system they do not need to be manually sorted out. Up to three different location series can be created – such as laboratory, store room and basement archive so that trays can be reassigned as required when no longer needed.

An important security aspect of the Fina system is that block locations are not obviously apparent (such as from dates marked on cardboard boxes). This helps to prevent unauthorised removal of blocks from the trays. Any removal must be carried out by identifying the required block and scanning it out using the associated PDA (Personal Digital Assistant). This can only be done in a very formalised way, increasing the traceability and security of the patient specimens. Upon scanning out a block, the identity of the pathologist as well as a reason for removing the block must both be entered, as well as the expected date of return. The Fina system features "3+3 Security of Data", including triple data back-up within the scanner, computer and the facility network. Universally readable back-up systems mean that there would never be an issue of losing location data.

The Fina system requires a single filing action on completion of block checking, which represented a time of 0.5 minutes and with no further movement required. Scanning of a full tray of 240 blocks took an average of one minute, representing 0.004 minutes per block and a total time of 794 hours. While blocks in need of rework would still be pulled from the file they would not need to be put back in the same ordered position. Instead they would be placed in the next space in a current tray. Allowing 2.5 minutes per block to be retrieved and 0.004 minutes to rescan this represents a time requirement of 187 hours and an annual spend of £2250.
Fina filing trays hold 240 blocks, which would lead to a requirement for 394 trays to hold the annual workload at that time. The cost for this was calculated as £4570.

Summary of findings

	Current (Manual) Method	Fina Block Management System	Difference
Sorting, filing and archiving (WTE)			
Time	3,150 hr.	794 hr.	2356 hr.
Cost	£ 38,000	£ 9,550	£ 28,450
Reworks			
Time	394 hr.	187 hr.	207 hr.
Cost	£ 4,735	£ 2,251	£ 2,484
Filing Trays			
Cost	£ 3,498	£ 4,570	£-1,072
TOTAL			
Total Time	3,544 hr.	981 hr.	**2,563 hr.**
Total Cost	£ 46,131	£ 16,370	**£ 29,761**
Time per Block	0.03 hr.	0.01 hr.	**0.02 hr.**
Cost per Block	£ 0.49	£ 0.3	**£ 0.19**

Verification of the FINA system

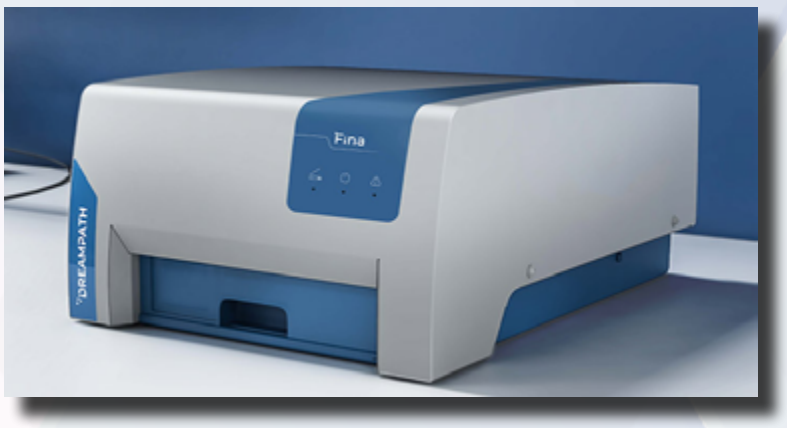
During verification of the Fina system in Cardiff, and at that time averaging over 260 blocks per day, it was found that the total time required sorting, checking and filing was approximately two minutes per block during its passage through the lab. This equated to over 189,000 minutes of time – 3150 hours or 1.9 whole time equivalent members of staff. At the appropriate Band level of staff the associated cost of this equated to almost £38,000.

Furthermore it was necessary to retrieve approximately 5% of the blocks for associated rework followed by the necessary refiling. This represented a total of 4725 blocks during the study. The nature of the filing system in place in Cardiff, as well as the need to file in numerical order meant that the associated process took an average of 5 minutes per block. This equated to a total of almost 400 hours per year, or 0.23 full time equivalent staff at an approximate cost of over £4700.

In addition to the time spent on the process, the cardboard boxes previously used would take 280 blocks, and each tray cost £10.38. As 337 trays were required in the past year this calculated to almost £3500.

Outcome

The studies carried out at UHW Cardiff demonstrated that with investment in the Fina system, considerable time and cost savings could be potentially realised. They found that the system offers assurance of quality around the block filing process. While it is difficult to quantify exactly the reduction in risk for loss of blocks and potential impact upon patients further downstream it is clear that there are major benefits given by the Fina system. As a result UHW Cardiff purchased Fina and it is now in use successfully in the laboratory. Scott Gable commented, "I like it a lot. It is a brilliant bit of kit!" They are now working through a backlog and will then move completely across to the archiving system. Scott again commented, "location based archiving is the way forward – Amazon™ have been doing it for years!"



Archiving Gone Wrong;

Cautionary tales from uplifts over the years.

The storage of specimens is integral, and as any pathologist knows, the histopathology procedure can be long and delicate, with several steps taking place to ensure the most ideal end result. Also, especially in the case of biopsies, extracting the tissue sample can be stressful and traumatic for the patient involved. This is why it's vital to be able to store tissue samples and be able to recall them back when necessary.

The Royal College of Pathologists with the Institute of Biomedical Science (IBMS) recommends the retention of paraffin blocks for a minimum 30 years, and that if slides are to be disposed of prior to that time a representative slide showing the relevant pathology should be permanently retained, however it's argued that keeping a representative block from countless archives is not always practical.

The conditions of storage are vitally important. Paraffin blocks and slides should be stored below 27°C or at room temperature in humidity-free conditions with adequate pest control. Slides that are stained should also be stored away from direct light to ensure the intensity and quality of stains is preserved for a longer duration.

If unstained slides are required to be stored for testing in the future (for molecular hybridization, immunohistochemistry, etc.) it is advised that they are kept in totally dry conditions for adequate preservation of proteins and to prevent hydrolysis occurring. Safety is also paramount. Along with slides and blocks, documentation, transfusion records, and paper reports may also be stored. When archiving these materials they need to be kept in a safe and secure environment.

Without these parameters in place, things can quickly go awry.

I spoke with Colin Brewer, an experienced ex-histologist and Designated Individual for CellNass, a facility registered with the HTA. He shared with me countless examples of improperly stored archives they had encountered over the years. One such example was a considerable archive almost 50 tonnes in weight where 5 years worth of blocks had to be destroyed. This material was stored inside a Victorian building on a hospital site. At one stage the hospital was raided for the lead on the roof allowing rainwater to penetrate the whole building. The area had been deluged and the blocks had to be incinerated so as not to contaminate the other stored material at the CellNass archive. Having a clean and dry area is vital for safe archival storage, as well as controlled temperature, which is why at a different hospital, Colin was astounded to find blocks stored in an active boiler room; subsequently many of the blocks had melted and were totally inoperable. See the image below for an example of how mouldy blocks can get when left in inappropriate storage conditions.

Basements are often utilised for storage too, resulting in many cases of long-term archival material being destroyed by flooding as basements are prone to do. One hospital's entire basement area flooded and the plastic block cabinets had been soaked to a depth of around 2 feet. Unfortunately when they had moved the archive to lorry backs for storage they also stacked the wet boxes on top of dry ones. This resulted in water dribbling down, so many more blocks got soaked in rainwater. To make matters worse it was found that some of the wax had been consumed by tiny white maggots. Pest control were quickly called in and they explained that they were the larval stage of a hoverfly. Normally this species of hoverfly would lay their eggs inside wasps nests and the larval stage would eat the wax out of the nest walls, so when the fly found a glut of histology wax it made itself quite at home. The whole archive needed to be fumigated before it could be stored again properly.

Another unorthodox and unsafe storage location for blocks and slides was a room that housed the lift mechanism for a pathology lab building. Towering metal cabinets were piled up 10 high weighing almost half a metric tonne, all crammed into a 2 foot square area with just a basic chip board flooring to support them. It was already a health and safety nightmare, but to gain access to the room, the operatives would have to traverse a set of planks set into the scaffolding on the outside of the building, navigating pipe works, air conditioning pipes and compressors. Having to carry the samples back down this precarious obstacle course was no mean feat.

Hospitals require an "immediate risk assessment" just prior to collection of material which can be accommodated under most circumstances, and this hospital wanted the usual annual uplift of the previous years work. However, when the site was assessed, it was found that council workmen had dug a long trench right across the entry way to the carpark. A large steel plate had been put across the trench for cars to access the hospital, but this steel plate could not support the weight of a 7.5 tonne lorry and therefore the immediate uplift had to be delayed until the work was completed.

The word "catacombs" does not particularly conjure up images of safe and secure storage. One particularly old hospital had been built over Roman catacombs, although the hospital had taken time to whitewash the walls and make the area secure for storing blocks and slide cabinets in the cavities of the catacombs, this made removing them a logistical headache. There were very narrow areas to navigate and the archives then had to be carried up steep winding stairs.

Issues can also arise from unsatisfactory security, several hospitals Colin came across had stored slides and blocks in patient access stairwells, where anybody could pick out a block or a slide with no traceability or paper trail whatsoever. It is also fairly commonplace for hospitals to store their blocks and slides in laboratory corridors, as these are relatively secure given that only the laboratory staff should be able to access these areas. However, what is sometimes neglected is consideration of the accumulated weight of the cabinets. Building regulations state that corridors can not support the same weight bearing requirements as rooms themselves, and the total weight of the archived material can often exceed the maximum allowance.

Finally, a further issue he came across was sites moving their archive multiple times indiscriminately. At one stage the entire archive of a very large London hospital had been moved 3 times in a period of 5 years. Each time they were moved by general removal workers and so were not kept in any kind of order. The final resting place of this archive was a basement area that was being repurposed as a recuperation gymnasium for patients. It transpired that due to contractors working on rebuilding areas of the hospital, the archive was largely inaccessible.

The only solution was to load the pallets into a Victorian Lightwell area (a very narrow and tall opening allowing natural light into the basement) and use a lorry with a crane and lift each pallet out individually. Further exacerbating the situation, this hospital was located on a major London thoroughfare with parking bays situated along the road. One particularly exuberant traffic warden gave the lorry a ticket every hour on the hour, as the Hospital had suspended the parking bays on the wrong side of the street and 100 yards down the road.

It's examples like these that highlight the need for safe and controlled archival repositories. There are countless benefits to off-site archival solutions, it saves time and effort required to operate an archiving facility on-site as well as releasing space in the hospital for other uses. Stringent regulation is also key. As CellNass is licensed by the Human Tissue Authority it means it is fully auditable, and the latest audits can be found easily on the HTA website. This gives medical professionals peace of mind that samples are archived in the most secure and highly controlled facility. Due to the size and scope of CellNass it could be argued that it is the largest archival repository in Europe, and possibly even the world.

Archiving should be safe, it should be secure, and it should always be utilised so that samples can be further studied as technology develops. The amount of specimens archived runs far into the billions, and with each sample there is an individual behind them. A human being that may have had a routine sample taken or a biopsy for something more serious, for any range of endless ailments and diseases. It's quite plausible that a specimen from a patient from over a hundred years ago could be recalled, studied, and used to advance medical research. What these specimens have in common though is that each and every one holds importance for research, simply because it is there and it is available. Safely filed away in a facility that the doctors, and pathologists of the world can recall upon exactly when they need to.

New Packaging

As part of our green initiative the foam inserts in CellNass packaging have been replaced with cardboard inserts.

As they are fully recyclable this goes a long way to reduce the build up of non-recyclable materials.

They are still sturdy and ensure your materials are safely packed, whilst being more environmentally friendly.

CARING FOR OUR PLANET

The SmartStor Solution

Within the CellNass service, the uplift and recall procedures are already well co-ordinated and streamlined. However, to further improve efficiencies and make life easier for our customers, we have developed our range of CellNass SmartStor cabinets and boxes.

SmartStor cabinets are sturdy, steel cabinets manufactured from corrosion-protected steel, and have been specifically designed to maximise the number of slides and/or blocks they hold when used in conjunction with our CellNass storage boxes. When full, boxes can simply be taken out of the cabinet and stored away until your scheduled uplift.

At the front of each SmartStor cabinet drawer is a purpose-built slot which holds an archive label. This label can be transferred onto each SmartStor box when full, preventing the possibility of human error from duplication of labelling. Each SmartStor cabinet drawer also incorporates holes on their underside, allowing users to easily push up and access their SmartStor boxes.

Cabinets are stackable, maximising your onsite slide and block storage and negating future cataloguing costs when in a long term CellNass contract.

Service Spotlight

The CellSolv Service

Launched in 2019, CellSolv supplies and disposes of tissue processing chemicals used in cellular pathology. As we are ISO 13485 and ISO 14001 certified, hospitals can rest assured that the products they receive are consistently of the highest quality, and any waste produced will be collected by highly trained staff and disposed of responsibly in line with all regulations.

We can supply almost any chemical required, filtered and refined to ensure a consistent quality. Included in the range is Industrial Denatured Alcohol (99%, 95%, 80% and 70%), Zylene, Iso-Propyl Alcohol, Acid Alcohol, Methanol, Acetone, Toulene, De-Ionised Water and XTF Clearing Agent. All relevant products are registered for medical or diagnostic use with the MHRA, ensuring patient safety and compliance are at the heart of everything we do.

The CellSolv service aims to minimise its environmental impact where possible. For example, we use electronic consignment notes, which acts as both a hazardous waste consignment note and a duty of care controlled waste transfer note, without any of the excess paper wasted. Not only is this more environmentally friendly and helping the NHS to meet its paperless initiative, it also provides a secure online library of all signed e-consignments, from which you will have a complete audit trail.

Every CellSolv driver is ADR registered, giving assurance that they are fully regulated for transporting dangerous goods by road. As we utilise our own vehicles, we can guarantee accurate and on-time deliveries.

1. Speak to one of our CellSolv representatives to place your order, discussing your needs and any queries you may have.
2. We deliver your order to your desired location, whether this be an outside storage unit or inside your lab, saving you & your staff valuable time.
3. Our waste management service collects waste from your laboratory when required.
4. Where possible, waste is recycled and fed back into other industries, separate from cellular pathology.
5. When recycling isn't possible, we dispose of your waste responsibly under the duty of care.

Duty of Care

Section 34 of the Environmental Protection Agency (1990) and the associated Environmental Protection (Duty of Care) Regulations 1991, impose a 'Duty of Care' on all companies who import, produce, carry, keep, treat or dispose of controlled waste.

Ultimately, this means that any entity producing waste must give priority to preparing it for re-use, followed by recycling, then recovery (such as energy recovery), and last of all disposal.

Hospital departments are responsible for ensuring that they comply with these regulations. By working with CellSolv, hospitals can be reassured that they are partnering with an environmentally responsible company, who make waste disposal a simple and worry-free process.

Request a Brochure
Call +44 (0) 01686 611 333

CellSolv
A BETTER SOLUTION

Product Spotlight

PiSmart Slide & Cassette Printers

- On-demand Printing ✓
- Superior Print Quality ✓
- Ultra Fast Print Time ✓
- Track & Trace ✓
- LIS Connectivity ✓
- Optimised Workflow ✓

Is your printer *that* smart?

Work Smart. Print Smart. **PiSmart.**

A Smarter Printer

The PiSmart range of on-demand printers are specially designed to optimise LEAN workflows, and increase laboratory automation. Print what you want; when you need it. With a vibrant HD screen and intuitive touch controls, using the PiSmart printer is quick, easy and simple. With it's compact dimensions it can fit perfectly between a waterbath and a microtome.

Streamline with PiSmart

PiSmart Printers have a print time of 3-5 seconds, allowing you to maximise laboratory output. You can print as many slides as required exactly when you need them for truly on-demand printing. The Intelligent Slide Selection functionality (ISS) can automatically detect the slide required for individual samples by analysing the label and then pulling it from the correct hopper for printing.

But Why Pi?

Reliability. PiSmart Slide Printers are built from high quality materials and the technology behind them was designed to provide a simple tracking solution with a scanner providing near perfect scan rates. PiSmart Printers also incorprate all standard PC connections, this excellent LIS connectivity allows labs to use exisiting slide or cassette printer LIS interfaces already being used.

Watch our product video
on our website or youtube.com/@cellpathltd

Spot the difference

We've hidden 5 differences in these two team photos, can you find them all? Send the number of differences you find to our Facebook, Instagram, or email it to info@cellpath.com for a chance to win a CellPath goody bag!

*Terms and conditions apply. No cash alternative available. UK only. Ends 31/12/2023

For your coffee break...

Down

1. In the UK we exclusivly distribute Dreampaths “Fina” and... (7)
2. The name of this newsletter (4,5)
3. The location of our headquarters (7)
4. Key ingredient when embedding samples (3)
8. CellPath were recenty acquired by... (7)
9. We distribute these market leading on-demand slide and cassette printers (7)

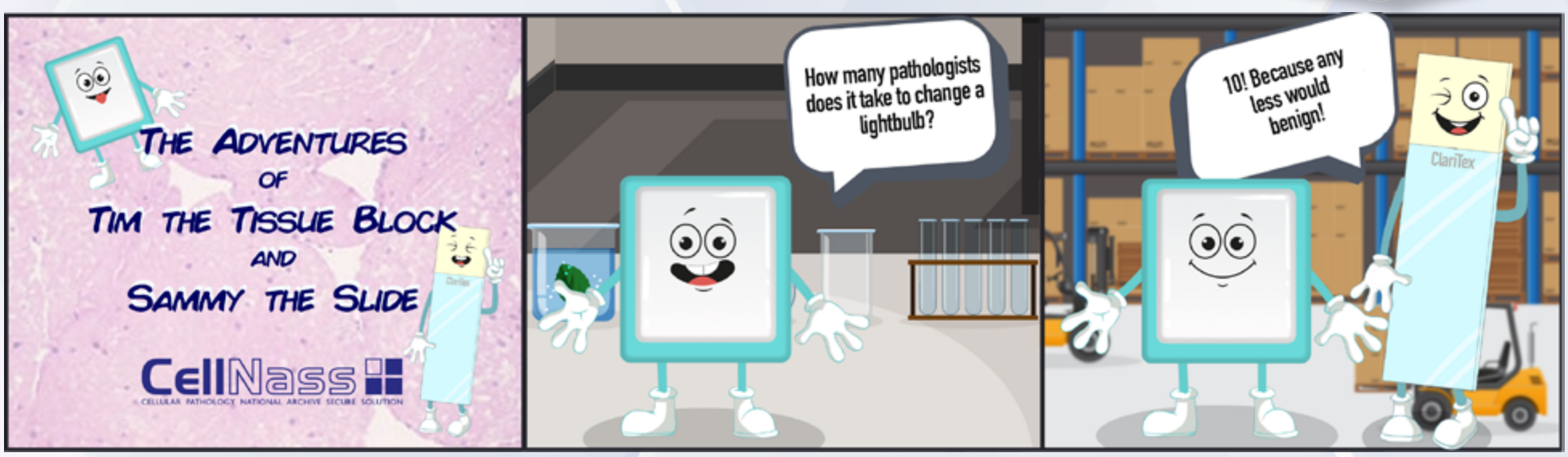
Across

5. The first name of new CellNass manager (6)
6. The number of archival buildings operated by CellNass (4)
7. CellNass speciality slide and block cabinets (9)
10. The name of CellPath’s solvent manufacture and recycling service (10)
11. The last name of CellPath directors (6)

Complete the crossword, the letters in the green boxes can then be used to create a histology related word.

Send this word as the subject field to marketing@cellpath.com to be entered into our a prize draw for a chance to win a CellPath goody bag!

*Terms and conditions apply. No cash alternative available. UK only. Ends 31/12/2023



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North West London Pathology

“THE FACT THAT CELLNASS ARE LICENSED WITH THE HUMAN TISSUE AUTHORITY GAVE US COMPLETE CONFIDENCE.”

St Mary’s Hospital, London

“IT’S CONTINUED TO RUN SMOOTHLY, I CAN’T THINK OF ANYTHING CELLNASS COULD DO BETTER”

The Royal Gwent Hospital, Cardiff

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You are welcome to visit CellNass for a tour of our facilities.