

bioview Testimonial



**Sanuri Govender,
FISH Service Lead Deputy Quality Manager,
HSL-Advanced Diagnostics**



ABOUT THE LAB

HSL-Advanced Diagnostics is a specialist clinical and research referral laboratory and is part of the Health Services Laboratories pathology joint venture in the UK.

HSL Offers expert services in immunohistochemistry, molecular tissue diagnostics, and personalized cancer treatments.

HSL provides pathologists, oncologists and clinicians with the best possible tools to aid in the diagnostic and therapeutic decision making process.

Can you summarize how the BioView system contributed to your diagnostic workflow, and what is its main benefits?

Our highest FISH assay is HER2, but we also run various break apart probes such as ,ALK, ROS1 and lymphoma panels. And I don't see us ever not using BioView again, because it has changed our lives tremendously. I can't even tell you how much. we utilize our system to run at least 70 cases a day of HER2. So for us, going through this workload in a short amount of time is amazing. and with considerably reduced turnaround time is amazing, we can't see ourselves going back to manual. We just wouldn't, to be honest.

How often do you utilize the BioView tissue matching application for your HER2 cases?

We run all of our HER2 cases utilizing BioView's tissue matching capabilities. Matching the H&E or IHC. stained consecutive sections with the FISH section allow to target specific tumor regions. We automatically image all of the histology slides the night before the FISH slides are ready. The FISH slides are typically loaded for scanning at 11am the next day. All of our cases are ready to be reported within 24 hours.

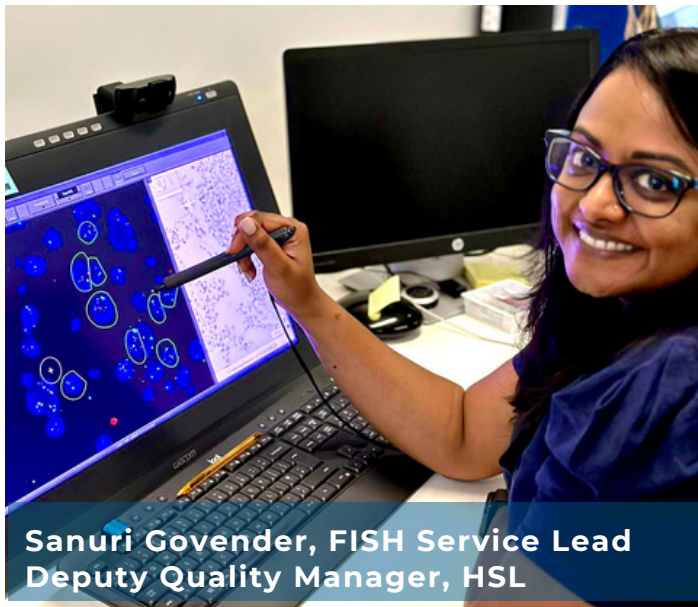
"I don't see us ever not using BioView again, because it has changed our lives tremendously...we utilize our system to run at least 70 cases a day of HER2".

So, let's say there's an area on the IHC, that area considered as an area of interest. Would you target the entire corresponding area for FISH scanning?

Scanning the entire corresponding area will not be efficient as it may contain areas with necrotic cells or area with poor nucleolar morphology. We do select specific regions within that area, but also just around it as well. Typically, we select an area equivalent to 20 fields of views.

How much time do you estimate it takes to complete the matching and region of interest selection?

Once we have marked the tumorous regions on the BioView generated virtual slide imaged of the H&E/IHC section, we use the matching tools to match between the marked virtual slide and the FISH slides. This process literally takes two seconds. On screen selection of the regions of interest within the marked area for FISH automated imaging takes about five minutes.



**Sanuri Govender, FISH Service Lead
Deputy Quality Manager, HSL**

"if you were manual analyzing cases, you would be able to go through maybe 10 cases a day if you're super efficient...Whereas using BioView, we can get through more than double that"

You mentioned the time it takes to scan or the review time, which is shortened and more convenient. How much time do you estimate the analysis takes once the slide is imaged?

In case the slide has been matched to a consecutive section, it could take up to 10 minutes to finalize a case analysis and report. But there are other cases which are a bit more complex, which can be, for example heterogeneous and that takes about 15-20 minutes to finalize.

Using the BioView system, could you estimate the analysis and report time saving compared to manual analysis?

I can't put it into time, but what I can put it into is the number of cases. So, for example, if you were manual analyzing cases, you would be able to go through maybe 10 cases a day if you're super-efficient. It can take longer depending on the cases complexity. Whereas using BioView, we can get through more than double that. Taking myself for example, I came in this week and reported 35 HER2 cases in an eight-hour period.

It seems like they don't just know what we're going to ask next, but they just understand the reason for our requests

What portion of your FISH cases end up successfully analyzed and reported using the BioView system

I can say about 95% of cases do. We do experience less than 5% reruns or slides that could not be reported, mainly due to sample quality.

How much time do you estimate a new user will be ready to start operating the system on their own following training?

We've just been training two new users, and this also is very dependent on the person, but it doesn't take long. I would say half a day, not even that.

Working with other medical devices other than BioView's, How would you compare your interaction and communication with the BioView team?

I appreciate the direct access to the engineers and the ability to email them and contact them, not only the engineers themselves but also your service, which is very responsive. In many cases I received a response within five minutes, which is great. Whereas other vendors, you have to email their facilities management. Their facilities management will then contact the engineer. The engineer will then contact someone else to let them know that they're addressing our request of service. So, taking out all of the middlemen, you guys provide a more than satisfactory service to us and we appreciate it. So, keep it up.

Now, let's talk about how do you find BioView representatives with whom you're in contact with?

Absolutely fabulous. The representatives have been wonderful. They're very patient, especially with people like us because we don't understand a lot about what happens in the background. So, they're very good at explaining, very patient and understanding. It seems like they don't just know what we're going to ask next, but they just understand the reason for our requests. It's great having those personal relationships with the service team.

To learn more visit BioView.com