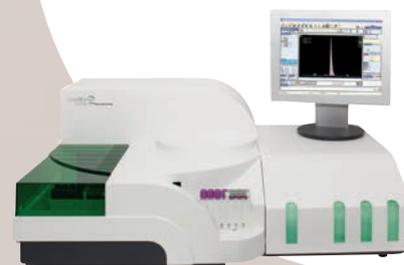


Sebia Focus - N°11

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capillary
sebia flex piercing



Ms Faure's Interview Laboratoire Biolittoral, Sanary-Sur-Mer, Var Region of France

Ms Faure. Could you introduce yourself and could you briefly describe the BIOLITTORAL laboratory to us?

The BIOLITTORAL laboratory, for which I am one of the Technical Directors, was created on 17 July 2012 and the technical platform officially opened its doors on 23 October 2012.

Today, BIOLITTORAL gathers 16 laboratories of the Var region of France, from the west of Toulon to La Ciotat, and has an average activity of 1300 cases per day. Each year, we perform approximately 30 000 HbA1c, 11 000 protein electrophoresis and 1800 immunotyping tests.

How long has SEBIA been your partner? What are the tests that you already perform with SEBIA products?

SEBIA was already our partner when the laboratories that now form part of BIOLITTORAL were still independent. We have been working with SEBIA for a long time because this company has always satisfied us with the excellence of its teams but also with the quality of the instruments and tests offered.

What method have you been using to perform the HbA1c measurement? What were your needs and reasons for changing this method? Why did you choose the SEBIA HbA1c assay on CAPILLARYS 2 Flex Piercing?

To date, we were using the HPLC method to perform the HbA1c measurement. Our first motivation was the promise of the enhanced quality held by the capillary electrophoresis technology owing to the excellent separation of the peaks which make the pattern much clearer and easier to read.

I also had the opportunity to discuss with colleagues from the AP-HM (Marseille Public Hospitals) for which I worked as an intern. These discussions have corroborated my choice to change to the SEBIA method on CAPILLARYS 2 Flex Piercing.

What evidence did SEBIA provide that convinced you? According to you, what are the advantages of the SEBIA's method on CAPILLARYS 2 Flex Piercing to perform the HbA1c measurement?

SEBIA has given us many scientific publications concerning the HbA1c measurement by capillary electrophoresis and its advantages.

Furthermore, as we already had some insight regarding the other technologies, we were aware of all the benefits brought by this change. For example, I'm thinking about the time saving for the results'

validation through the curve mosaic, allowing us to set in place an automatic validation. We also appreciate the fact that CAPILLARYS 2 Flex Piercing is a multiparametric and versatile instrument, providing the advantage of a double back-up for the protein electrophoresis assay and the HbA1c measurement.

Finally, the PHORESIS software, that drives the system, really facilitates the operator's work through its simplicity of use, the clarity of the patterns, which simplify result interpretation, and the possibility to validate all the techniques on the same station.



*Biolittoral's laboratory,
Sanary-Sur-Mer (France)*

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What solutions did SEBIA offer to you in order to optimize the laboratory's organization?

We have a CAPILLARYS 2 instrument performing protein electrophoresis and immunotyping assays, and two CAPILLARYS 2 Flex Piercing that work in parallel for the HbA1c measurement and proteins. Furthermore, this solution optimizes the lab bench because only one technician is needed in order to perform all the analyses (protein electrophoresis, immunotyping and HbA1c), and as I told you previously, we have the benefit of a double back-up for the protein electrophoresis and the HbA1c measurement.

How did SEBIA help you to set in place this organization?

Our technicians already knew the SEBIA's capillary electrophoresis instruments and were completely comfortable with their use. Installing both the new CAPILLARYS 2 Flex Piercing instruments and the new method for the HbA1c measurement has been really easy and we saved a lot of time with the staff training. The initial training provided at the moment of the installation was really exhaustive and from then onwards we have benefited from regular support which is excellent. Finally, the SEBIA service and the SEBIA diagnostic departments are very quick to respond to all our requests, whatever they may be.

We have also attended the training courses organized by SEBIA at its local facilities. These training courses provide excellent training to aid results interpretation. Furthermore, the choice made by SEBIA to form small working groups is very relevant because it is a good opportunity to discuss and share our experiences.

After 10 months of use, has the choice to perform the HbA1c testing by capillary electrophoresis and to pool this testing with protein electrophoresis and immunotyping met your expectations?

Yes, this choice has completely met our expectations and we are satisfied with the SEBIA HbA1c method on CAPILLARYS 2 Flex Piercing. We have not yet communicated with the prescribers concerning the added value of the capillary electrophoresis technology for the HbA1c measurement but we are thinking about it. Our delay to deliver a result has been improved because with our former HPLC, it was not possible to deliver immediately some results which we had to analyze again with a second method (fructosamin).

Do you have plans to introduce any new electrophoresis parameters available with the SEBIA instruments?

In addition to the three capillary electrophoresis systems, we are considering the implementation of an agarose gel chain to perform urine electrophoresis with the HYDRASYS 2 SCAN instrument and the ASSIST sampler that provides traceability of the results. As all SEBIA instruments have networking capabilities, we would have the possibility to access all our capillary and gel electrophoresis results on a same station.



Biollitoral's laboratory