



Laboratory Communiqué

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The *Laboratory Communiqué* is a quarterly publication released by Billings Clinic Laboratory Services as an informational tool for medical staff and laboratorians.

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Pathologist

Simone M. Davion, MD

Med Tech Laboratory Interns

Shannon Fried
David Hanson

Welcome Dr. Simone Davion



Billings Clinic Laboratory Services welcomes Dr. Simone M. Davion to our pathology team. She is board certified by the American Board of Pathology in anatomic pathology and clinical pathology as well as cytopathology.

Dr. Davion received her medical degree from the University of Chicago, Pritzker School of Medicine. She completed her residency in anatomic and clinical pathology at Northwestern University along with her fellowship in cytopathology.

Dr. Davion's special interests include breast pathology, cervical pathology and thyroid FNA.

Dr. Davion joins these Billings Clinic Pathology physicians:

Trudie E. Muir, MD
Mark C. Sheiko, MD
Alisa Matthews, MD

Jeffrey K. Smith, MD
Ronald L. Linfesty, MD

New Medical Technologist Interns

New Instrumentation

Histology STP 420 Tissue Processor

ABN Update/News

Meeting News

4th Annual Laboratory Services Fall Education Conference

New Medical Technologist Interns

In September our laboratory welcomed two new interns who will complete their clinical laboratory training requirements at the main laboratory campus and at various other sites as required by the program. Stacey Bailly is our Student Education Coordinator. Our new interns are:

Shannon Fried is originally from Lander, Wyoming. She has lived in Billings for the last 4 years and is currently a student at MSU-Billings pursuing a B.S. degree in Biology with an emphasis on Clinical Laboratory Science. Shannon is married and her spouse's name is Nate. They have an 11 month old son named Hunter. In her spare time she enjoys the outdoors and when doing so she purposely leaves her cell phone at home!

David Hanson is a Montana native currently living in Missoula with his wife, Shelby and daughter, Etta, who will be 2 in October. David graduated from the University of Montana in May 2011 with a B.S. in Medical Technology. He thinks soccer is super and jazz is too.

Welcome Shannon and David to our laboratory. We hope your learning experience is exciting, very thorough and ultimately prepares you for a long career in laboratory medicine.

New Histology Equipment

Histology has recently added new equipment to their department. In this issue of the Communiqué we will focus on their new tissue processor and in a following issue we will introduce their new immuno stainer.



In January 2011 the Thermo Fisher Scientific STP 420 ES Tissue Processor was implemented. The STP 420 is a high-throughput tissue processor and the ultimate in paraffin infiltration instrumentation. It is an enclosed tissue processor designed with innovative rotary movement. Dual chambers provide simultaneous or independent processing. Holding 360 and 60 cassettes in the first and second chambers respectively, the second chamber allows independent processing of STAT samples, as well as special or difficult tissues, without disrupting routine workflow or requiring the use of a second instrument. Some of the features are:

- Patented rotational agitation provides a more efficient, dynamic means of tissue-fluid exchange and interaction. Rotational agitation is also up to seven-times more effective than conventional tidal wave agitation thus eliminating the need for reprocessing, especially with difficult tissues such as breast, colon and other fatty tissues.
- It can accommodate traditional tidal action in the 60 cassette

- secondary chamber.
- The independent programming for either chamber allows for expedited biopsy runs.
- Easy-to-use touch screen operation provides instant visualization of the processing data and reagent status.
- A reagent management system based on the number of cassettes allows more efficient reagent usage.
- Fixed end-time programming
- Reagent reduction carryover cycle
- Four 5L paraffin reservoirs with quick-melt feature using multi-faceted cylindrical columns within the reservoirs.
- Ten 5L reagent vessels
- Unit is completely enclosed and incorporates self-ventilation via a water tank and charcoal.

Since the implementation we have seen the following improvements:

- Time savings was found in decreasing the number of reprocessed blocks
- Better quality tissue slides especially with fatty tissues
- Savings in reagents due to the reagent management system and the large capacity of the STP 420 which reduced the need to use multiple processors.

ABN Update/News

Recently revised ABN form must be utilized beginning January 1, 2012

Several months ago CMS announced the revision of the Advanced Beneficiary Notice (Form CMS-R-131). Mandatory use of this version begins on January 1, 2011. All ABNs with a release date of 3/2008 issued on or after January 1, 2011 will be considered invalid.

You can access the newly updated ABN form at:
www.cms.gov/BNI/02_ABN.asp.

Meetings

The 4th Annual Laboratory Services Fall Education Conference is being held in conjunction with the Fall ASCLS Meeting on October 14-15 at the Billings Clinic Mary Alice Fortin Health Conference Center. This conference is designed with laboratorians in mind. The combination of clinical and professional topics provides an array of interesting and relevant information in today's ever changing laboratory setting. The Friday, October 14th Education Conference presentations will be available via the Eastern Montana Telemedicine Network.

Friday, October 14

Emotional Intelligence and Why it Matters *presented by* Carlos



Laboratory Services

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Jena DeVries

Arce, Director of Leadership and Organization Development at Billings Clinic

What is Operational Excellence *presented by* Chelsea Wallace, MT ASCLS, Billings Clinic

Thrombotic Disorders *presented by* Dr. Robert Geller, Billings Clinic

Point of Care Forum- Roundtable with Regional POC Panel

Breast Cancer Tumor Markers *presented by* Dr. Simone Davion, Billings Clinic

Saturday, October 15

Biomarkers in Cancer *presented by* Dr. Jorge Nieva, Billings Clinic

Parkinson's Disease *presented by* Larry Scharfe, PA, Billings Clinic

The Value of Labs in Patient Safety *presented by* Dr. Robert Wilmouth, Rocky Mountain College PA Program

CLS Guidelines-Antimicrobial Susceptibility Testing *presented by* Janet Stetzer, Montana Department of Public Health and Human Resources

PACE credits will be available online at www.ascls.org. You will receive an evaluation form after each session which includes the unique session code needed to obtain your certificate.

For additional information and conference questions please call:

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For more information about Billings Clinic Laboratory please call (406) 657-4060 or 1-866-232-2522. www.billingsclinic.com.



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