



SUCCESS STORY

# Mount Nittany Medical Center Improves Specimen Quality

## Total TAT Savings: 16.5 Minutes

Mount Nittany Medical Center  
State College, PA

	STAT Accessioning	Centrifuge Queue	Load Centrifuge	Centrifuge Cycle	Wait Time	Unload Centrifuge	Unchanged (Other)	TOTAL
TAT Current	2	10	0.5	10	5	0.5	15.7	43.7
TAT Future	1	1.5	0.25	8	0.5	0.25	15.7	27.5
<b>TAT Savings</b>	<b>1</b>	<b>8.5</b>	<b>0.25</b>	<b>2</b>	<b>4.5</b>	<b>0.25</b>	<b>0</b>	<b>16.5</b>

With help from Drucker Diagnostics, Mount Nittany Medical Center made a series of minor logistical changes and inexpensive equipment purchases that improve quality and lab turnaround time.

### TABLETOP CENTRIFUGE ARRAY PROCESSES E.D. SAMPLES FASTER

In 2015, Mount Nittany Medical Center participated in a Drucker Diagnostics study to address STAT turnaround times and occasional sample contamination. The study revealed adjustments the labs could make without any major financial cost or structural overhaul.

Mount Nittany Medical Center labs used an array of Drucker Diagnostics' Apex centrifuges to create a special STAT accessioning station to

“With all the variables accounted for, things have fallen into place. I highly recommend Drucker Diagnostics. They have been a great help to Mount Nittany Medical Center.”

**Bonnie Mesoros** – Lab Operations Manager,  
Mount Nittany Medical Center

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decrease the queue time for triage samples. Now, Emergency Department samples do not have to wait for the larger centrifuges to fill up before being spun and sent to chemistry.

### STANDARDIZED SPIN TIMES RESULT IN CLEANER SAMPLES

Clean samples was another top priority for Mount Nittany Medical Center labs. Cellular debris in platelet pours could cause complications in finding results. In response, Drucker Diagnostics developed a factory setting for spin times and spin rates that produced clear results every time even with varying tube sizes.

By using Drucker Diagnostic's factory settings, Mount Nittany Medical Center was able to easily and efficiently control spin time and force level variables. The one-button factory setting feature ensured that Mount Nittany Medical Center's labs provided accurate and effective patient care. Human error, the most significant variable, had been minimized.

Drucker centrifuges offer factory programmed spin times and rates with all of their new machines.

### DRUCKER DASH MAKES BIG IMPACT WITH MINOR CHANGES

Drucker Diagnostics pointed out how to decrease turnaround time and increase sample throughput with just a few small changes. With new centrifugation, and a new process, all recommended in the Drucker Dash approach to centrifugation, Mount Nittany Medical Center has seen an increase in satisfaction for patients, physicians, and staff.

Mount Nittany Medical Center has been Drucker Diagnostics' client for years. And for good reason: with Drucker, Mount Nittany Medical Center has access to an educated team of engineers and problem solvers to address any issues that come up in the lab through short term problem solving or longer term studies like the one that improved their turnaround times.

*"Drucker is wonderful!"* said Bonnie Mesoros, Mount Nittany Medical Center lab operations manager. *"Any time that we need help, we call them. A Drucker representative is always available to help us to ensure that we are giving the best care to our patients."*

LEARN MORE ABOUT REDUCING YOUR LAB  
TAT AT **DRUCKERDASH.COM**



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