Pull vs. Push: Managing Batch Size to Optimize Productivity and Quality in Your Lab





















Example: Waiting

The picture on the left is specimens waiting for CT/NG testing and the picture on the right is of imaged slides ready for screening.











































The Rules:

- CBC analyzer utilizes a rack of ten tubes.
- At receiving, when a rack is full (10 tubes), the rack is transported to the analyzer.
- Goal: tubes out of receiving in less than 8 minutes.

The issue:

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- Specimen arrival patterns are not always conducive for the current procedure.
- Procedures are designed for busy periods.
- Chance of missing TAT goals during slow periods.

Argent Global Services

160 Analyzing Work Flow – Hematology Arrival 140 120 100 80 60 40 20 15:00-16:00 14:00-15:00 18:00-19:00 02:00-03:00 3:00-04:00 04:00-05:00 02:00-00:00 00:20-02:00 01:00-08:00 08:00-03:00 09:00-10:00 0:00-11:00 11:00-12:00 12:00-13:00 3:00-14:00 6:00-17:00 20:00-21:00 21:00-22:00 2:00-23:00 3:00-24:00 00:00-01:00 01:00-02:00 17:00-18:00 19:00-20:00 32 Argent Global Services

More than the second se				
	Samples Received Per Hour	Time to Fill Rack of 10 Samples (mins)	Rack Processing Sample Limit	
	10	60	1	
	15	40	1	
	20	30	2	
	30	20	3	
	40	15	5	
	50	12	5	
	100	6	10	
	150	4	10	
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