

Highs and Lows Propelled Our Anatomic Pathology Department's Journey to Transform the Culture with Lean, Six Sigma and ISO 15189

Michael B. Cohen M.D.

Rita D'Angelo Ph.D.



Crime and Justice Economy Education Energy Environment Healthcare Politics & G

Wake Forest Baptist still reviewing thousands of pathology cases

POSTED → APRIL 13, 2018, BY NC HEALTH NEWS



Wake Forest Baptist Medical Center in Winston-Salem. Courtesy of NC Health News

By Mark Tosczak, North Carolina Health News

Wake Forest Baptist Medical Center is reviewing more than 9,000 cases from its pathology lab, seeking to uncover any additional instances of errant cancer diagnoses.

Immediate Jeopardy (IJ)

- "a situation in which the provider's noncompliance with one or more requirements of participation has caused, or is likely to cause, serious injury, harm, impairment, or death to a resident."
- Once a hospital or healthcare organization gets an IJ rating, it's given a time frame to fix the deficiency. If not, CMS will terminate the facility's Medicare and Medicaid funding.

Timeline

- 8/1/2017 Start at WFBMC
- 9/13/2017 assume interim chair role
- Risk Management becomes aware of concerns
- Self reporting to NC DHSR
- 2/5/2018 first inspections

Index Cases

- Lumpectomy with radiation (2)
- Bilateral mastectomy



The College of American Pathologists recognizes

North Carolina Baptist Hospital Inc

Anatomic Path 1395801-05

As a laboratory demonstrating continuous improvement in quality through participation in the 2017 CAP Surveys, and/or Anatomic Pathology Education Programs.

Plan Willson, m

R. Bruce Williams, MD, FCAP CAP President

Rec 3 2 5 2016



Alphabet soup of inspection agencies

ASCT, CAP, CLIA, CMS, DHSR, JC, OSHA (several agencies, multiple times)



You Can't Make This Up

Work Flow

- Case identification
- Cases reviewed by external pathologist
- WFBMC pathologists review flagged cases
- Obtain additional clinical information from EMR
- 'Tumor Board'
- Medical Review Committee
- Physician Notification/Patient Notification
- Revised report issued
- Risk Management

Print Issue E-Weeklies Conferences Webinars White Papers Multimedia Lists About Us Channels Physicians Leadership Executive Moves Transaction & Valuation Human Capital & Risk Patient Flow Facilities Management Telehealth Supply Chain Bus Patient Engagement Pharmacy ACOs Population Health Legal & Regulatory Compensation Payers Opioids Rankings & Ratings EDs Post-Acute Care W

Clinical Leadership & Infection Control

Arkansas VA hospital reviews 7K patients for misdiagnosis by impaired physician

Written by Megan Knowles | August 21, 2018 | Print | Email



Fayetteville, Ark.-based Veterans Health Care System of the Ozarks reviewed 7,482 cases for misdiagnosis after an investigation found an impaired pathologist had treated patients, KNWA reports. 🔰 Tweet



G+

VA pathologists reviewed 2,925 of the cases, and non-VA pathologists reviewed the rest.

A Veterans Health Care System of the Ozarks pathologist was found to be "impaired" in March 2016, according to Kelvin Parks, interim director of the VA medical center. The hospital immediately removed the pathologist from clinical care.

Click Here to Access The Infection Control Products to Know Database

Some Lessons Learned

- The importance of CULTURE
 - Patient comes first
 - Safety & quality
- FPPE/OPPE matter (focused/ongoing professional practice evaluation)
- Leadership...the Laboratory Director & others
- Hire the appropriate staff
- Policies & Procedures
- Validation

A Path to Change

Email From Michael Cohen:



Read Below:



l need your help

WINSTON-SALEM JOURNAL

😤 NEWS CRIME OBITUARIES SPORTS ENTERTAINMENT OPINION LIVING COMMUNITY TWINCITYTALKS CUSTOMERSERVICE

In a variety of vibrant colors

In wake of incorrect cancer diagnoses, Wake Forest Baptist has open-ended deadline for fixing problems

By Richard Craver Winston-Salem Journal Apr 4, 2018 🗨 (3)

Clinical Leadership & Infection Control Case review reveals more erroneous cancer diagnoses at Wake Forest Baptist

Written by Avla Ellison (Twitter | Google+) | April 16, 2018 | Print | Email



May 7, 2018 Intelligence: Late Breaking Lab News +

WAKE FOREST BAPTIST LAB'S PATH ERRORS TEACH LESSONS

CMS inspection uncovered multiple serious deficiencies in histology and pathology departments

By Joseph Burns | From the Volume XXV No. 7 - May 7, 2018 Issue

Cleveland Clinic Lab Has Multi-year Test Utilization Success

CEO SUMMARY: For medical directors and pathologists interested in improving their labs' compliance with CLIA regulations, a report from federal and state inspectors of an inspection of the pathology lab at the Wake Forest Baptist Medical Center offers insights into what issues caught the inspectors' attention. During their visit in February, the government lab inspectors found multiple, serious diagnostic errors in the medical center's academic pathology department.



E. Sene Dank
 Wink Ank Add Industry's Tran Moder Inseed
 Wink Ank Add Industry's Tran Moder Inseed
 Wink Ank Add Transle Docardiad
 Wink Text Text Docardiad
 Wink Text Data Docard
 Wink Text Data Docardiad
 Wink Text Data

View iss

Volume XXV No. 7 – May 7, 2018

TABLE OF CONTENTS

COMMENTARY & OPINION BY R. LEWIS DARK

13

Leadership Support

- President of Health System
- Senior Vice President of Business Service
- Pathology leadership

What do you want your lab to look like?

Lean
Standardization
ISO15189

We need Lean and we need it now



Conrad Emmerich Senior Vice President of Business Services

Consultation Goal

Understand the current state:

Cultural characteristics and challenges
 Production bottlenecks
 Waste and inefficiencies
 Opportunities for improvement

Recommend efficient business transformation



Visit at Wake Forest Pathology

- Going back in time to 2005
- Pathologist frustrations

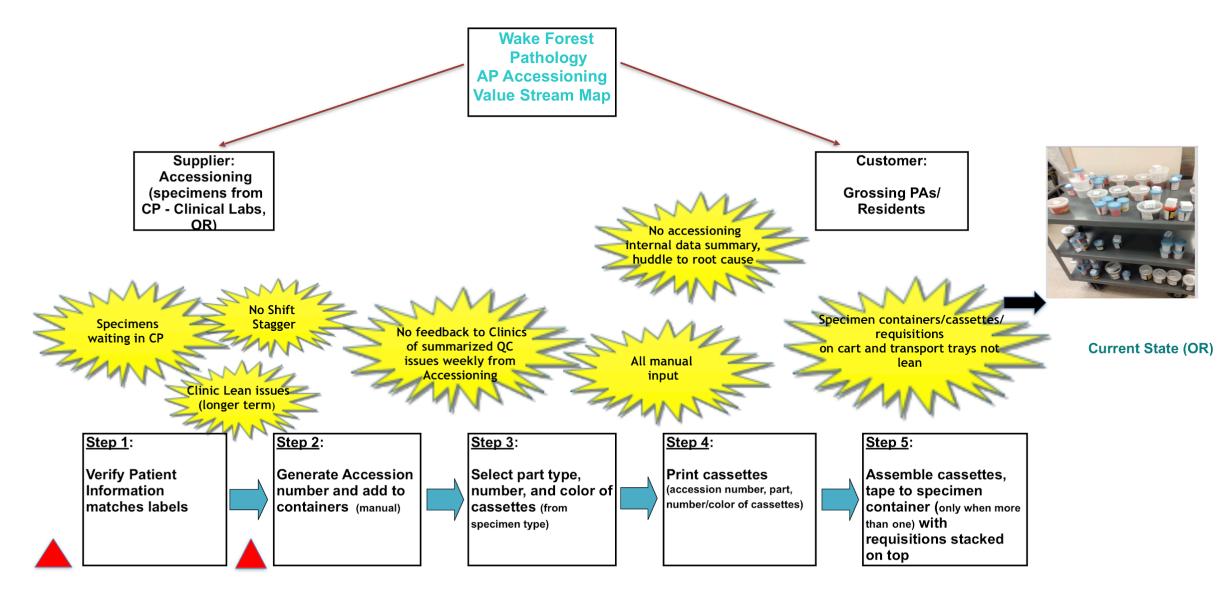


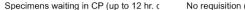
- Henry Ford Pathology Fire Brake
- Lack of standardization
- Bottlenecks
- Missing patient information
- Defects corrected before sign out

Staff Interviews

Q1. What keeps you up at night?Q2. What would you change?Q3. What would you improve and what would you do?

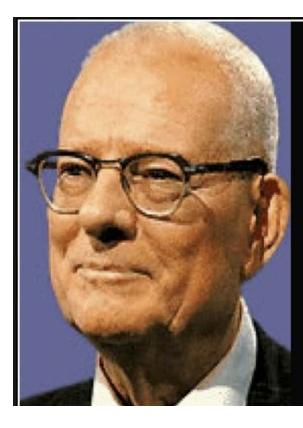
The **most common response** was the lack of space, equipment, and personnel





No requisition (1 to 5 day delay)

WFBMC Pathology: Ordinary people doing extraordinary things in a historic outdated laboratory

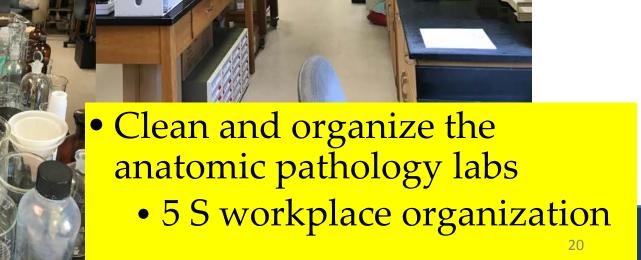


Eighty-five percent of the reasons for failure are deficiencies in the systems and process rather than the employee. The role of management is to change the process rather than badgering individuals to do better.

— W. Edwards Deming —

AZQUOTES

First things First



Culture Change

- Transformative Leadership: encourage, inspire and motivate employees to innovate and to create change
- Transformation: Change from I to Team
- **Performance Goals:** Staff goals aligned to strategic goals
- Empowerment: Employee participation



The Beginnings of Lean

- Leader provided a message at the start of each training session
- Objectives were defined and assigned to all employees
- Created a structure for change
- Empowered the employees



Anatomic Pathology Faculty, Staff, Residents

Improving Employee Morale

Yi Zhou M.D., Ph.D.



Future of Wake Forest Pathology

- Continuation of Lean Management as a system initiative
- Pathology grass roots approach
- Lean implementation in the Clinical Labs
- Standardization initiative for incoming specimens from all clinical sites





