

MAY 2023



#### **OUR MISSION**

Wagoner Community Hospital Is Dedicated To Providing Quality Healthcare With Courtesy And Compassion.

#### **OUR CORE VALUES**

Dignity, Integrity, Excellence, Compassion and Stewardship

## CONTENTS

CEO Update

Time Well Spent

**New Hires** 

News

Announcements

Updates

Snapshots

#### A NOTE FROM YOUR CEO

Too much transition? YES! Our organization has seen more provider/service transition in the last six months than I would normally like to see. This much change would not have been as dramatic if it had been spread over five years or more. While I do not want to go into the details here, I do want the reader to trust that management and our Board had valid reasons for each of the transition items that have occurred. Our organization will be stronger, both clinically and financially, as we move forward.

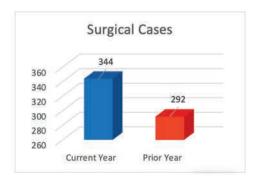
I would like to highlight some of the positive trends that we are seeing in our organization. First, in the current year, outpatient revenue is up 13% over the prior year. Departments that are contributing to this growth include surgery (up 17%), and non-ER outpatient visits (up 20%). While we will be challenged to continue the trend in surgery due to some surgeon transition, there are plans to bring new surgeons online so we can pick back up on the caseload growth curve.



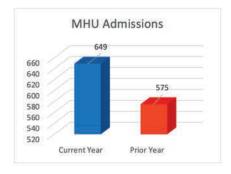




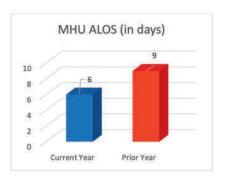




I would also like give a shout out to Dr. Shalini Sangal and the team on Mental Health Unit (MHU). They have experienced a 12% admissions growth year over year and have also reduced the average length of stay on the unit from 9 days to 6 days. This demonstrates incredible teamwork! I am so proud of the entire team back there and the great work they do in caring for a very special population of patients day in and day out.







#### A NOTE FROM YOUR CEO CONT'D

Additionally, Wagoner Community Hospital outperforms area rural hospitals in the following areas (according to CMS Hospital Compare):

- Overall rating of hospital (9 or 10) Quiet around room at night
- ER door to door time
- Low serious complication rate
- Medicare spending/beneficiary
- Employee flu vaccination rate
- Low C-difficile infection rate
- ER left without being seen rate
- Mammography follow up
- Low CHF mortality rate

Please read other articles in this newsletter about new providers already on board, Anastasia DeRoussel (nurse practitioner), Dr. Micheal Scott (pulmonologist) and Dr. Faisal Khan (General Surgery and Endoscopy).

Our hospital has so many good things happening amidst turbulent times in the healthcare industry. I like to think in the same terms Nelson Mandela did when he made this statement:

"Our deepest fear is not that we are inadequate. Our deepest fear is that we are powerful beyond measure... ...It is our light, not our darkness that frightens us."



## UNDERSTANDING HOW TO ACCOMMODATE SERVICE ANIMALS IN HEALTHCARE FACILITIES

Many people, including health care professionals and other service providers, may be unsure of how to interact with an individual with a disability using a service animal. This fact sheet is intended to provide policy guidance when interacting with an individual using a service animal, with a particular emphasis on the health care setting during a disaster or emergency.

The United States Department of Justice (DOJ) has developed the following definition of Service Animals: Service animals are dogs that are individually trained to do work or perform tasks for people with disabilities. Examples of such work or tasks include guiding people who are blind, alerting people who are deaf, pulling a wheelchair, alerting and protecting a person who is having a seizure, reminding a person with mental illness to take prescribed medications, calming a person with Post Traumatic Stress Disorder during an anxiety attack, or performing other duties.

Service animals are working animals, not pets. The work or task a dog has been trained to provide must be directly related to the person's disability. Dogs whose sole function is to provide comfort or emotional support do not qualify as service animals under the Americans with Disabilities Act (ADA) of 1990. Under the ADA of 1990 and Section 504 of the Rehabilitation Act of 1973, health care facilities must permit the use of a service animal by a person with a disability, including during a public health emergency or disaster.









#### TIME WELL SPENT

By: Jimmy Leopard, CEO

I recently had the opportunity to spend thirty minutes with our associate, Zoe Sweet. Zoe's official title is Business Office Coordinator. Since that is a somewhat generic title, I inquired as to what that meant. Boy, I found out quickly why that title was used due to the many functions performed under it: industrial contract billing, pricing/invoicing and follow up on accounts, payment posting, interfacing with all collection agencies, insurance company

payment reconciliation and handling refunds for overpayment to insurance

company and patient, working front end and back end claim holds, assurance of placement of proper billing codes before bill drops, working of denial claim holds, preparation of quarterly Medicare credit balance report, preparation of quarterly trauma fund report, works with vendor on motor vehicle accident claims and workers compensation claims and posts settlements to accounts, liaison to The Midland Group and also processes all payroll deduction activity. Whew!

At the time I came to Zoe's office, she was working on registered industrial accounts that had occurred over the previous weekend. There were 12 industrial accounts from the previous weekend. She explained how she reviews them, pulls face sheets for each one, verifies pricing to match contractual terms, reviews the medical record to ensure chart and coding are complete, allows data processing to review also for verification of codes/charges, then manually adjusts to charge to the contract price and submits the claim in the system. Earlier in the day, Zoe had been working claims from all areas of the hospital (ER/OP/IP) and had already cleared and worked 57 claims before starting on these 12 industrials. She said that on average she works to resolve about 50 claims per day.

Zoe has worked for our hospital since January, 2008. I guess I just happened to be in the right place at the right time, because she reminded me that I was the first person she met when she walked in on her first day of work and that I had shook hands with her and welcomed her to the hospital. I asked her what she likes about working at Wagoner Health. She responded, "I love the people – they are so sweet and caring. I also like the smaller size of the organization because I feel like there is more appreciation and value for the people I work with."

Zoe shared the following personal information: "I'm all about faith and family. God comes first in everything, and I treasure every moment I can spend with my family (including 22 grand and great-grandchildren). I collect rocks, agates, and seashells. I love hiking and long walks on the beach. I will spend hours looking for that special agate and seashell. Major League Baseball is my favorite sport. This past summer I traveled to attend my first MLB game in Seattle, WA and was so excited with my team, the Seattle Mainers, who whooped the Baltimore Orioles!"

In my opinion, Zoe personifies "The Power of One." By that, I mean doing so much with her gifts and talents to make a difference in our organization. While most of us probably had no clue about all the things Zoe does while tucked away in that office back there, I found it fascinating and

"time well spent" learning and telling about it.



#### WE ARE GROWING

We are excited that Alex Newcomer, Director of transition services Spring Creek recovery center, has selected MHU at WCH to be the first to pilot the CAMS program. Collaborative Assessment and Management of Suicidality. The goal is to connect patients admitted for suicidality or suicide attempt



with David Miller, Creoks Behavioral health Case manager II, prior to discharge. This can bridge a relationship with Creoks prior to discharge and provide creoks with information to ensure that the patient has transportation to make their appointments once they are discharged from inpatient. It bridges the gap for continuity of care on an out patient basis. The ultimate goal is to have a 0 suicide rate for Oklahoma. We are 3rd in the nation for suicidal deaths. How the program works is MHU a designated tablet for the CAMS process that was provided by Creoks. When we have a patient admitted that will most likely be continuing outpatient with Creoks, MHU staff will notify David Miller. He will build the patient a Creoks chart if the patient doesn't already have one. He will then coordinate a time to speak with the patient via the tablet. He will work with our discharge planners to ensure the transition goes smoothly post discharge. This increases the outcomes of patients keeping the out patient appointments and continuing the treatment. We are very appreciative of being selected to serve this vulnerable community of patients.

For More Information Contact:

(918)402-8694

#### MELODY ELLIS

We recently added an essential employee, Melody Ellis, to the pharmacy team. She has extensive pharmacy experience and has been a wonderful addition to our department. We feel very blessed to have her here and look forward to learning from each other. Here are a few words she wanted to share about herself.

"I am a mother of five and a grandmother of two. I am a bartender, quilter, crafter and baker. I entered the world of pharmacy nearly ten years ago. While working at Rite Aid, I earned my Virginia Pharmacy Technician and my National Pharmacy Technician certifications. Since, I have worked at Naval Medical Center, Portsmouth, Virginia, Navy Health Clinic Oak Harbor, Washington and the VA Medical Center Fayetteville, Arkansas. I am grateful my pharmacy journey brought me to Wagoner Community Hospital."



Welcome To The Team Melody!

### ANASTASIA DEROUSSEL, APRN

Wagoner Health welcomes another new provider to our healthcare team: Anastasia DeRoussel. Anastasia is an Advanced Practice Registered Nurse (APRN) specializing in family practice and acute care.

The following summarizes her education and training:

#### Education:

Bachelor of Science in Nursing (BSN) from the University of Texas at Tyler Master of Science in Nursing (MSN) – Family Practice from Chamberlain University Post Master's training – Adult Gerontology Acute Care from the University of Texas at El Paso



Anastasia DeRoussel, APRN

Anastasia will work in collaboration with Dr. David Good. In addition to clinic hours, Anastasia will participate in the primary care group call rotation and make rounds on patients in the hospital. Her clinic will be located in Suite A in the Professional Office Buildings.

Anastasia has a great philosophy in her approach to patient care. "I have a passion for wholistic patient care; treating patients as a whole physically, mentally, and spiritually. As an advanced practice provider I have experience in acute care, ER, adult psych, pre-anesthesia/pre-surgery, as well as rotations in family practice, adult health, women's health, and orthopedic surgery.

Personally, I am married to my best friend of 25 years with 5 children that are the center of our world," Anastasia shared.

Anastasia is a nurse practitioner who can provide care to her patients in the clinic AND in the hospital.

Please join our Board and Administration in welcoming Anastasia to our hospital!

#### DR. KHAN

Undergraduate:

The Aga Khan University Medical College; Karachi, Pakistan MBBS

Residency:

Johns Hopkins University School of Medicine; Baltimore, MD Department of Surgery Resident House Staff (PGY I & II) & Post-doctoral Fellow

St. Agnes Hospital; Baltimore, MD
Department of Surgery
Resident House Staff (PGY III, IV & V - Chief Resident)

After my surgical training/residency, me and my family moved to Eastern Oklahoma area in 2005. Since then, I have been providing surgical care for the communities in eastern Oklahoma and western Arkansas area.



Faisal Khan, MD, FACS

In addition to my surgical training, I spent over 2 years in research on wound healing and new treatment modalities in wound healing.

I am humbled to provide surgical care to our patients at the Wagoner Community Hospital. It is my honor to serve the community.

I have always kept the needs and interests of my patients' foremost and have always strived to provide the best quality of care. I take great pride in my work and want to do the best for my patients. I ensure that all the care is provided in the safest fashion.

#### DR. MICHAEL SCOTT

Wagoner Health is pleased to announce the opening of the pulmonology/critical care practice of Dr. Michael Scott. A brief educational bio of Dr. Scott follows:

Undergraduate:

University of Oklahoma

Doctor of Osteopathic Medicine:

Oklahoma State University Center for Health Sciences

Residency:

Department of Internal Medicine; University of Louisville (KY)

Fellowship:

Department of Pulmonary and Critical Care; Northwestern University (Chicago)



Michael Scott, MD

Dr. Scott's clinic will be in Suite D of the Professional Buildings. He is booking patient appointments now at 918–485–1205. Dr. Scott is also available for inpatient consultations.

Dr. Scott outlined his practice philosophy: "I strive to change how patients receive pulmonary and critical care by going back to the basics, providing excellent care, great bedside manner, with the utmost compassion and empathy for each individual patient."

Some personal information about Dr. Scott: "I grew up in Mustang, Oklahoma. I knew I wanted to be a doctor at the age of 7. I did everything I could to make this dream a reality. In my free time I enjoy hanging out with my 2 kids (Bailey and Grant), my ride-or-die Jodi, and the rest of our family. I love all sports; especially soccer and football. Catching a great concert and enjoying a solid meal make for a great night out. I'm very excited to provide Pulmonary and ICU care to Wagoner and the surrounding communities."

#### Please join us in welcoming Dr. Michael Scott to our healthcare team!



Ribbon Cutting for Oklahoma Pulmonary Care, Dr. Michael Scott, in Broken Arrow on March 23, 2023. Dr. Scott will also be conducting an outreach clinic in Wagoner.

### 2023 ASSOCIATE OF THE YEAR

Congratulations to Kristain Dodson from Nursing Administration! For her willingness to care for patients with a good attitude and kindness. For going above and beyond to help and remaining knowledgeable and professional in all areas of her work.

WCH recognizes her as an outstanding 2023 Associate of the Year. Congratulations! Thank you for your hard work and dedication to our hospital.



Kristain Dodson, RN/House Supervisor

#### APRIL 2022



Cecilia Oriolo, ER Technician

#### MAY 2022



Karen Manasco, Accounts Payable Coordinator

#### **AUGUST 2022**



Natosha Hall, Pharmacy Buyer

#### SEPTEMBER 2022



Darlene Haley, Registration Specialist

#### OCTOBER 2022



Laurie Hall, MLT

#### NOVEMBER 2022



Sherry Busch, Radiology Tech/Clinical Instructor

#### DECEMBER 2022



Kendra Givens, CRT

#### **NEW HIRES**

#### **JUNE 2022**

Karysa Casaus Nathaniel Lindsey Jayme Dallis Julius Watkins Debra Brown Barbara Billinger William McNack, IV Radiology Technician MHU Technician Laboratory Tecnician Registration Specialist RN

One Call/Billing Specialist MHU Technician

Radiology Mental Heath Laboratory Emergency Room Med-Surg

Med-Surg Admitting Mental Health

#### **JULY 2022**

Tyler Baccus Carla Rappe David Smith Rachael Baker MRI Technologist RN MHU Technician Nursing Assistant Radiology Intensive Care Unit Mental Health Med-Surg

#### **AUGUST 2022**

Joseph Welch Rebecca Hutchens Christian Sandoval MHU Technician Registration Coordinator MHU Technician Mental Health Internal Medicine Mental Health

#### SEPTEMBER 2022

Special Lovelace Wendy Andrews Teresa Sams Shannon Morris Tierra Mason Registration Coordinator RN RN/MHU Manager LPN Coordinator

Nursing Assistant

Admitting
Emergency Room
Mental Health
Surgery/Clinics
Med-Surg

#### OCTOBER 2022

Deanna Marston Seth Marston LeaAnn Thomas Kristin Rogers Heather Brackett Jennifer Blunt Marion Parson RN RN LPN Case Mgr/ MHT Supervisor Nursing Assistant Radiology Technician LPN Security Guard/Van Driver Surgery Surgery Mental Health Med-Surg Radiology Mental Health Mental Health

#### **NOVEMBER 2022**

Maison Emerson Daniel Bradley Hunter North Julie Nimal Amber Bart Hannah Dean MHU Technician Grants Project Director MHU Technician LPN MHU Technician ER Technician Mental Health Grants Program Mental Health Mental Health Mental Health Emergency Room

#### **DECEMBER 2022**

Michelle Ingle Latisha Whaler Patricia Crispiniano Kendra Fullbright Melody Ellis RN LPN Registration Specialist RN Pharmacy Technician Med-Surg Mental Health Admitting Mental Health Pharmacy

#### **NEW HIRES CONT'D**

#### **JANUARY 2023**

Terese Deckard Mary Wolfe Ebony Powell Patricia Smiles David Suarez Mallory Littlefield Makayla Mann

Wynona Crawford

MHU Technician Nursing Assistant Registration – Float RN MHU Technician

Student Radiology Technician
Student Radiology Technician
RN

Mental Health Med-Surg Admitting Mental Health Mental Health Radiology Radiology MHU

#### **FEBRUARY 2023**

Meranda Thompson Amy Rather Sheridan Clark Kayla Davis Kaitlynn Fisher Lisa Dennis Anastasia DeRoussel Registration Specialist RN MHU Technician Nursing Assistant Nursing Assistant MHU Technician APRN- Cert. Nurse Practitioner Emergency Room
Surgery
Mental Health
Med-Surg
Med-Surg
Mental Health
Wagoner Health Wellness Clinic

#### **MARCH 2023**

Ausha-lee Jones Carolyn Magnus Jean Hendrix Joann Sharp Samantha Wells Jones Darius Fullbright Caitlin Hine Laboratory Technician Coder Medical Billing Specialist LPN Medical Assistant MHU Technician RN

Laboratory H.I.M. Data Processing Mental Health Health & Wellness Clinic Mental Health Surgery



#### TRUSTWORTHINESS = UNDERSTANDING

"IF PEOPLE WHO DO NOT UNDERSTAND EACH OTHER AT LEAST UNDERSTAND THAT THEY DO NOT UNDERSTAND EACH OTHER, THEN THEY UNDERSTAND EACH OTHER BETTER THAN WHEN, NOT UNDERSTANDING EACH OTHER, THEY DO NOT EVEN UNDERSTAND THEY DO NOT UNDERSTAND EACH OTHER."

Gustav Ischheiser



## THE FINANCIAL IMPACT OF COVID-19 ON OKLAHOMA HOSPITALS

BY: JIMMY LEOPARD, CEO

WARNING: This is not a fun read, but is essential to understand the environment in which we operate. Wagoner Community Hospital experiences financial challenges as do most hospitals in Oklahoma. This is evidenced by a report prepared for the Oklahoma Hospital Association by Kaufman Hall in November, 2022. Kaufman Hall is a 30-year-old national health care consulting company with expertise in performance improvement, strategic financial planning, partnerships, mergers, acquisitions, treasury and capital markets.

This updated report reflects trends in financial performance of Oklahoma hospitals from 2019 to December, 2022. The financial impact of the pandemic has been staggering. Facing depressed margins relative to pre-pandemic levels, significantly higher expenses (especially workforce) and hospital volumes below pre-pandemic levels, the industry is seeing sicker patients with no federal relief in sight.

Despite federal CARES Act support, operating margins were 4% below pre-pandemic levels in 2020. Hospitals experienced \$800 million in lost income in 2020, saw conditions improve in 2021, but lost \$1.3 billion to date in 2022. 4 in 10 hospitals had negative operating margins in 2019, while 67% of hospitals have negative operating margins in 2022. Almost a third of Oklahoma hospitals are operating at an unsustainable performance level, the highest risk level since the beginning of the pandemic. Urban hospitals are operating at an even more unsustainable level than the state average. This is not just a rural hospital issue.

Key factors that challenge Oklahoma hospitals include the following. Total expenses are \$1.71 billion higher than pre-pandemic levels (2019) in 2022. Labor expenses in 2022 to date are \$535 million higher than 2019 due to higher staffing and contract labor expenses. Contract labor expenses alone for 2022 were \$446 million higher than 2019. While medical supply expenses have remained relatively flat, drug expenses have seen uneven growth.

When the federal disaster relief funds ended and repayment of the Advanced and Accelerated Medicare Payments began, hospitals (now with higher operating expenses) were positioned on a fiscal cliff. Longer term (12 months, give or take), there are things in the works through the legislature that will bring enhanced funding to hospitals related to Medicaid expansion in our state. In the near term, we are working very closely with the Oklahoma Hospital Association in advocating the legislature for "gap" funding until the longer-term relief strategies can be realized.

The findings of this report underscore the existential financial and operational threats Oklahoma hospitals continue to face over three years after the beginning of the pandemic.



Jimmy Leopard, CEO

#### NEWS

Material Management update: Supply chain issues are still plaguing our nation, but our team of suppliers and vendors are continuing to perform at the highest level possible. Early order placement will help your team meet demands in a more timely manner. In other news, our department is slated to move to the church located just East of the E/R patient entrance at some point in the future. This will provide additional storage room with higher ceilings, which help us keep to code. We appreciate support and patience during the supply chain issues COVID delivered!

The Accounting Department has faced some sad times with the passing of Karen's husband and Todd's father. This has served as a reminder to us that tomorrow is not promised, and to make certain to tell your loved ones how much you care, to hug them goodbye, to take each day as special, because it truly is.

Our hospital has been working with Vizient, Inc to improve the reimbursement that we receive from our managed care contracts. We are happy to report that we just completed negotiation with our largest commercial payor and gained a significant improvement.

Medicaid Managed Care was initially scheduled to begin in October 2023 but has been delayed until the first quarter of 2024.

#### FIRST ANNUAL SKILLS FAIR

Our first annual skills fair was held in October.

Clinical Leaders from across the hospital created educational opportunities for WCH staff members. We had a great turnout and were able to provide a fun hands on way to teach staff how to give great service and care to our patients.

The fair helps us to check off required and new learning needs while offering our annual employee health services as well. We plan to make this a recurring opportunity.

Pictured: Sheila Maddox, RN and Kristain Dodson, RN solve the patient care riddle that lies before them.



#### NEWS

### HELLO SPRING

A sure sign of spring is when a momma duck begins nesting. Meet Betsy! She is a sweet, nesting duck owned by Rebecca, our Interim Chief Financial Officer. A typical duck sitting on her eggs are "brooding" and her collection of eggs (soon to be ducklings) are known as a brood. Brooding provides heat during the incubation period or the time it takes for the eggs to hatch. This is usually done, on average, in about 27–28 days. During that time, Betsy will only leave her nest for 1–2 hours during a 24 hour span. She is currently sitting on 18 eggs! Rebecca also has 6 other females that each produce 1 egg per day. If you have ever wanted your own pet duck or would like free, fresh ducks eggs, call Rebecca at x1236.



#### **HEALTHCARE ADVOCACY IN ACTION:**

Three OHA bills were heard and voted off the House and Senate floor recently. Starting with the Senate, HB 2790 by Rep. Preston Stinson and Sen. Brent Howard, passed off the Senate floor by a vote of 45 to 0 on Wednesday. The bill provides an affirmative defense to be used by hospitals in the event of a cyberattack.

Moving on to the House, SB 563 by Sen. John Haste and Rep. Marcus McEntire, passed off the House floor by a vote of 91 to 0 on Thursday. The bill maintains the existing anesthesia fee schedule at the Oklahoma Health Care Authority.

Another OHA bill heard on the House floor on Thursday, SB 293 by Sen. Chuck Hall and Rep. Ty Burns, passed off the House floor by a vote of 79 to 0. The bill establishes the new CMS rural emergency hospital designation in state statute. All three measures now head to the governor's desk for signature.

Three bills remain on OHA's legislative agenda for this session: HB 2154 (Rep. Cynthia Roe/Sen. K. Thompson) on workplace violence, HB 2172 (Rep. Roe/Sen. K. Thompson) on doxxing of medical care providers, and SB 707 (Rep. Roe/Sen. Paul Rosino) that brings needed reforms to the medical examiner's office.



Jimmy Leopard (left), CEO, Wagoner Community Hospital, discusses health care issues with Sen. Blake Stephens at the OHA Legislative Reception earlier this week.

These past few months our department attended career fairs to recruit some new additions to our staff. One was in August of 2022 at the Muskogee Civic Center's Okie Country 101.7's Job Fair and Career Expo, and the other was in February of 2023 at Hulbert High School.

We loved getting to visit and meet with different students and members of the community. It was a great opportunity for us to spread our name and give advice to those who attended.



#### **GRANT UPDATE**

We are happy to report some major moves within the RCORP Grant and the Wagoner County Substance Use Consortium. First, our Consortium has entered into a very meaningful partnership with Wagoner County's WRAP Project. For those unfamiliar, the WRAP Project Inc. (Working to Recover, Assist and Prevent) is a 501(c)3 non-profit organization, and is an Oklahoma Department of Mental Health recognized entity. The goals of WRAP are to promote an effective and sustainable effort that enhances substance use prevention, treatment, and recovery in Wagoner County. In that vein, WRAP will work with our Consortium to engage all community members and organizations to become involved in efforts to support youth in families, schools, and communities as well as provide services and resources that are part of our shared mission and vision. WRAP works towards bridging the gaps and increasing the knowledge and communication for various programs and organizations. WRAP endeavors to stay connected and informed of current programs and requirements to make it easier for everyone to be best served and gain the services needed to reduce overdose mortality rates. WRAP will work alongside us to provide training to law enforcement and the community on the administration of Narcan; take education into the schools and throughout the communities to promote a drug-free and safe community while supporting recovery-friendly and harm-reduction approaches. WRAP will also work with the Consortium to assist individuals in finding programs and services that are tailored to help them in recovery. WRAP and the Consortium will collaborate to provide peer support and classes to meet needs of the communities served within our respective scopes.

Second, the WRAP Project has graciously agreed to extend some physical space to us in their building, which would only help solidify and coordinate our joint efforts. Given the dynamics of the populations we serve (mental health/substance abuse), as well as the uncertainties associated with possible COVID-19 surges and emergency hospital protocols in such an event, we would like to ensure our services are rendered in a manner most beneficial for maximum community impact. Also, having a separate space of our own allows us to hold in-person monthly Consortium meeting with community partners, conduct Naloxone trainings and distribution, conduct Mental Health First Aid Training, host Youth Council meetings, facilitate recovery meetings and classes, provide a private meeting room for telebehavioral health services, create a vibrant community hub of like-minded individuals and entities;. Because this building is the WRAP building, it places us in close proximity to CREOKS Behavioral Health, Mental Health Court and Drug Court for referrals, and in proximity to law enforcement agencies for referrals to Peer Services instead of jailtime/detention.

Overall, we have made some great strides over the past few months. Particularly, our CFO Julie Ward, as well as Angela Lindsey and Kellie Odeneal, have been instrumental in making all this possible, and are worthy of special recognition and thanks. We have a great team that is doing some amazing things, and we look forward to what's in store for us this year.





# THE HISTORY OF RADIOLOGY AS TOLD BY 5 INTERESTING FACTS



The history of radiology begins only about 120 years ago, but since then radiology has played a vital role within the healthcare system in helping diagnose and treat patients. Rarely does a patient go through the healthcare system without needing at least one imaging test of some kind, whether it be an x-ray or a CT scan.

Wagoner Community Hospital Radiology Technologists often get repetitive questions from patients about their imaging test, for example, whether they would "glow" from their x-rays, set off metal detectors, or burn their skin from too many imaging tests.

Many of these perceptions about radiology stem from the early history of radiology, during the early day shenanigans and real-life tragedies that scientists faced while discovering this "unknown" ray called "x". Thankfully, the history of radiology has changed much since then. Let's take a look at the history of radiology and some of the interesting facts that detail its discovery and evolution into our modern world.



### 1. "I SHALL CALL THEM "X" RAYS!"

Roentgen's discovery of these mysterious rays that were unlike any other happened by sheer accident while he was experimenting with the paths of electrical rays through an induction coil and glass tube. Although the room was dark, he noticed that a screen covered in the fluorescent material was glowing from the rays. An electromagnetic ray in the same family as gamma rays and microwaves, Roentgen named these unknown rays "x" rays. He would also refuse to patent his discoveries, claiming that all of humankind should benefit from them.



#### 2. MARK TWAIN, A SCREW, AND NIKOLA TESLA

An unlikely combination, however, it is widely accepted that scientist Nikola Tesla produced the first x-ray in the U.S. shortly after Roentgen. Using his good friend, the famous writer Mark Twain as his subject, he attempted to take Twain's x-ray using a vacuum tube, which resulted in an image of a screw for adjusting the camera lens instead. He would go on to perfect his images of the human body shortly thereafter and call them shadowgraphs. While Nikola Tesla did not develop the MRI, scientists did decide to name the unit of measurement of the strength of the magnetic field used by the machine after him. This means that MRI machines are all measured by their tesla strength—the higher the tesla unit, the stronger the magnet.

#### **CONTINUED ON NEXT PAGE**

## THE HISTORY OF RADIOLOGY AS TOLD BY 5 INTERESTING FACTS CONTINUED



#### 3. THOMAS EDISON WAS AFRAID OF X-RAYS

Known for his work with the electric light bulb, Edison stopped working on the light bulb and talking about x-rays shortly after William Roentgen showed off the first-ever x-ray of his wife's hand. During the research though, several of Edison's colleagues developed symptoms from the massive doses of radiation they were experimenting with and one even died. The sad incident, along with Edison almost losing his eyesight from the radiation, led him to proclaim, "I don't want to know anything more about x-rays!"



#### 4. ALL WOMEN DESIRE TO BE BEAUTIFUL

So read a pamphlet for the Tricho system, an award-winning innovation made by Dr. Albert Geyser to remove unwanted facial hair using radiation in the early 1900's. Installed in beauty shops across the country for \$400 each, the Tricho directed x-rays at women's cheeks, lips and chin and targeted young women. It would be taken off the market around WWII after case studies emerged noting ulcers, carcinomas, and death.



#### SHOE FITTING X-RAY MACHINES

Invented by a noted industrial designer working for Adrian X-Ray Company in Milwaukee, shoe fitting machines were installed in over 10,000 stores within the US in the 1940's and 50's and eventually banned in 1970. The child would basically stand on top of a fluoroscopy tube that produced images of his feet within a pair of shoes to see how well they fit. Unnecessary exposure coupled with radiation leakage eventually deemed the machines unsafe.

From image production with glass photographic plates to high resolution digital modalities that harness cutting edge technologies, medical imaging has transformed medicine and continues to revolutionize patient care delivery. Thanks to these technological advances the Radiology staff here at Wagoner Community Hospital are capable of providing excellent Diagnostic Imaging services to our community.





## Receives Performance Leadership Award for Quality from Chartis Center for Rural Health

As part of the National Rural Health Day celebration, Wagoner Community Hospital today announced it has been recognized with a 2022 Performance Leadership Award for excellence in Quality. Compiled by The Chartis Center for Rural Health, the Performance Leadership Awards honor top quartile performance (e.g., 75th percentile or above) among rural hospitals in Quality, Outcomes and Patient Perspective.

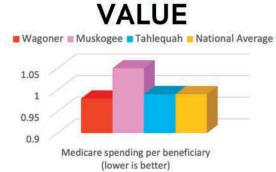
"Providing quality healthcare is the core of our mission. This award validates the successful efforts of our team in providing quality services to our patients," said Jimmy Leopard, CEO.

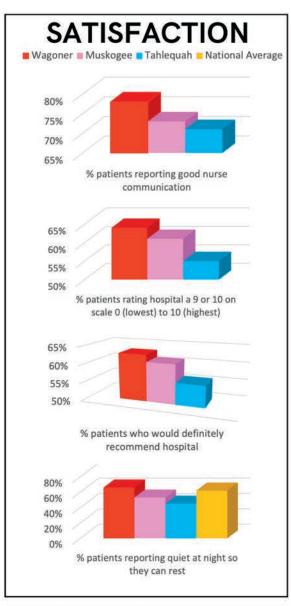
The Performance Leadership Awards are based on the results of the Chartis Rural Hospital Performance INDEX™, the industry's most comprehensive and objective assessment of rural hospital performance. INDEX data is trusted and relied upon by rural hospitals, health systems with rural footprints, hospital associations and state offices of rural health across the country to measure and monitor performance across several areas impacting hospital operations and finance.

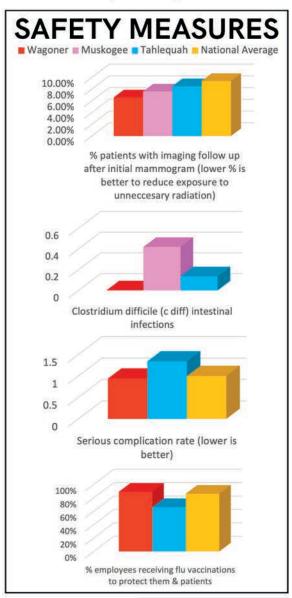
"Although the last two years have placed unprecedented pressure on the rural health safety net, the dedication to serving the community that we're so accustomed to seeing from rural hospitals across the country hasn't wavered," said Michael Topchik, National Leader, The Chartis Center for Rural Health. "Let us celebrate the power of rural on National Rural Health Day and honor the facilities working tirelessly to provide access to high quality healthcare services to their communities."

# Wagoner & Health

## Better Value for Your Healthcare Dollar

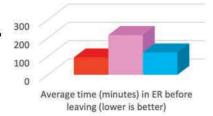


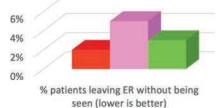




### EMERGENCY DEPARTMENT EFFICIENCY

■ Wagoner ■ Muskogee ■ OK Average







New Equipment: Our hospital Lab has received a New Plasma Thawer. We have had a Water bath and this improvement will expedite treatment of critical patients that need life sustaining products in a timely manner.





Dr. Wiley graciously gave our hospital lab a new microscope. The microscope he gave us is top notch and we are very blessed at the substantial contribution he has made to the laboratory.

Hanna Claxton and Amanda Fourkiller are two key persons in the clinic arena. Amanda and Hanna work together daily to keep our clinics running smoothly. From complaints to injections these two ladies keep the flow going to ensure our patients are taken care of. Amanda handles all things financial, and Hanna oversees the clinic LPN's and Medical Assistants. Both are available whatever the needs are and are skilled in their responsibilities. Thank you both for all you do each day. We appreciate you and your leadership!



### SPECIAL VISITOR!





Shirley Carlyon, Cheryl Barker, Shannon Morris, Sheila Maddox, Kristain Dodson



Meagan Marrs, Kristain Dodson



Crystal Hayes



Sheila Maddox, Crystal Hayes, Kristain Dodson, Tiera Mason



Shannon Morris, Kristain Dodson, Billy McNack



Lisa Threet, RN and Ray North, Lab Director



### **SNAPSHOTS**



On March 23, 2023 I presented to Jenks High School students a laboratory career option.

Being a Scientist: Is an important role that is often overlooked as a career field in medicine in college and High school. In the next 10 years we will not have enough people entering our field to keep up with the demand. I feel it a great duty sharing to students what I do and what they can do as a career path in lab medicine. It is important to plan for the next generation of leaders coming up into the work force. I will be going to several different High schools in the future to discuss Lab Medicine as a Career Path.

Attending this event has led me to be asked to speak at the Jenks High School Senior Conference held in Jenks for all High School Seniors in the 2024 school year. Wagoner is getting recognition and we are building relationships all around the community by getting the word out about our great hospital.

Ray North, Lab Director

















## **Hospital Week 2023**



















































































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