# 2024 NMC ANNUAL REPORT A QUALITY FOCUS

## NMC's Refreshed Strategic Plan

This year, NMC worked on refreshing our Strategic Plan with input from our Board of Directors, leaders, medical staff, and community partners.

The review of the plan allowed us to refocus and re-center ourselves on our three strategic pillars: Quality & Safety, Engagement and Stewardship. As you can see in the Strategic Plan document, we have three key goals: Zero preventable harm, a culture that engages and inspires, and achieving financial sustainability.

Each pillar documents our objectives and measures for the 2025-2027 timeframe.

Part of the strategic plan refresh process was a review and update of our values. You'll see these expressed in the acronym: NMC C.A.R.E.S. We fulfill our mission of exceptional healthcare because we care so deeply for our patients and our people and that caring demonstrates how we are leaning in on quality and safety and the rest of the pillars.

In our values, compassion leads the way because it is at the root of everything we do as an organization. Adaptability is a key value because it is imperative that we be able to adjust to a shifting healthcare environment and embrace change. Respect is one of our HRO keys to success and is fundamentally important to our focus on diversity, equity, inclusion and belonging both as an employer and a healthcare provider. Excellence is what we aspire to as we embrace the High Reliability journey and strive to achieve safe, high-quality care. Last, but certainly not least: Service. That concept means we create a meaningful, engaging environment for our team to work in – we are in service to our patients, to each other, and to the community at large.



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### New Masks Provide More Comfortable Fit, Avoiding Pressure Injury

This past summer, NMC's Respiratory Therapy Department launched the use of new bilevel positive airway pressure (Bi-PAP) masks for patients, as a way to prevent pressure sores. Bi-PAP is used to treat conditions that make breathing difficult like sleep apnea, Chronic Obstructive Pulmonary Disease or Congestive Heart Failure.

NMC's Respiratory Therapy Manager Kevin Kehoe said that his team investigated a change after seeing a couple of instances where patients developed pressure injuries on their faces. Kehoe said that the traditional masks can be tough on patients because they need a tight fit and the humidity associated with the treatment means that skin can begin to break down.

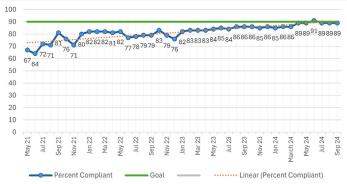
Working with the Quality Department, Respiratory Therapy (RT) conducted patient rounding and talked to colleagues at other hospitals to find possible solutions. A new type of mask was suggested, tested, piloted and then adopted by the team.

Since the implementation of the new style of mask in August, there have been zero pressure injuries. Staff and patient reactions have been very positive as the new masks are more comfortable and easier to use

"This change speaks to NMC's vision of quality care and empathy because we are providing quality masks, and quality care through those masks," said Kehoe.

He applauded his staff for being flexible and open to the change, and for the Quality and Materials Management Departments for acting so quickly to research and implement the new masks.

The initiative is a good example of NMC's ongoing Quality work that takes a "zero harm" approach to preventing conditions that could be acquired in the hospital setting.



### NMC Achieves Hand Hygiene Goal

In June 2024, NMC achieved an ambitious goal, hitting 91 percent compliance with hand hygiene standards.

The achievement is a culmination of work that's been underway for three years, with steady improvement from around 60% percent compliance to meet the goal of being better than 90%.

"This is a testament to what we can do when we stay focused on our goal, with patient safety in mind," said Quality Director Anneke Merritt.

Infection Control Coordinator Courtney Hodet echoed that sentiment.

"A big shout out to everyone who has worked so hard to move us toward this goal," she said. "It takes dedication and commitment and I'm proud that we've proved we can do this."

Hand hygiene is an important tool in combatting infections. The World Health Organization (WHO) states:

The scientific evidence overwhelmingly demonstrates that appropriate hand hygiene is the single most effective action to stop the spread of infection, while integrated with other critical measures.

- Appropriate hand hygiene prevents up to 50% of avoidable infections acquired during health care delivery, including those affecting the health work force.
- The WHO multimodal hand hygiene improvement strategy has proved to be highly effective, leading to a significant improvement in key hand hygiene indicators, a reduction in health care-associated infections (HAIs) and antimicrobial resistance, and substantially helping to stop outbreaks.

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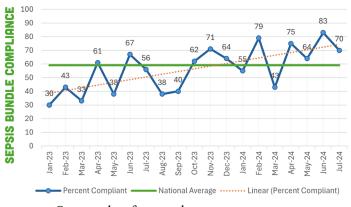
## Attention To Sepsis Leads To Improved Scores

Did you know that sepsis is the most common cause of death in US hospitals?

NMC has been focusing on making sure that our Emergency Department caregivers use best practice processes for identifying and treating sepsis. The work started by creating nursing and provider champions who built workflows and tools that make prompt detection and treatment easier.

Throughout the process, NMC has been tracking data to measure our compliance with a "bundle" – a grouping of treatment steps that should be taken, created by the The Centers for Medicare & Medicaid Services. The national average for hospital compliance with this bundle is 60 percent. The NMC data originally fell below that average, but our process improvements and steady focus have brought our compliance well above the national average for five of the first six months in 2024.

#### EARLY TREATMENT OF SEPSIS SAVES LIVES



#### Our quality focus is driving improvements

#### What is sepsis?

When bacteria gets into a person's body, it can cause an infection such as a urinary tract infection or pneumonia. If left untreated, these infections can cause sepsis. Sepsis is the body's extreme response to the infection and triggers a chain reaction throughout the body. Bacterial infections cause most cases of sepsis, but they can also be the result of viral infections like the flu or COVID-19. Without timely treatment, sepsis can rapidly lead to tissue damage, organ failure, and death.



Rachael Shepardson-Rudden, ED Nurse Manager, and Matt Boone, NP were recognized for their exceptional sepsis compliance. Rachael supports nurses and providers to deliver quality care to sepsis patients and is an undeniable contributor to the success of NMC's compliance scores. Matt also provides exceptional care to sepsis patients and has had no fallouts in approximately 18 months by using a very intricate and detail-oriented process