

**ROSWELL PARK CANCER INSTITUTE CORPORATION**  
**IT Oversight Committee Meeting**

A meeting of the Information Technology (“IT”) Oversight Committee of the Board of Directors of Roswell Park Cancer Institute Corporation was held on Thursday, August 18, 2022, at 8:30 a.m. in the Patrick Lee Conference Room, 9th Floor, Scott Bieler Clinical Science Center.

- Present:** Meghan Corcoran (*via Teams*)  
Gregory Daniel, MD (*via Teams*)  
Chuck Fried (*via Teams*)  
Candace Johnson, PhD, President & Chief Executive Officer  
Kenneth Manning, Esq. - Chair  
Gail Mitchell, Esq. (*via Teams*)  
Elyse NeMoyer (*via Teams*)  
Shaun Stoltz (*via Teams*)
- Excused:** Genevieve Schimpfle (*via Teams*)  
Hannah Taylor (*via Teams*)
- Staff:** Eugene Cullen, Vice President, Internal Audit  
Christopher Dahl, Executive Director - Clinical and Revenue Cycle System  
Christopher Darlak, Deputy Chief Information Officer  
Laurel DiBrog, Chief Marketing & Communication Officer (*via Teams*)  
Betsy Doty-Lampson, Administrator for the Board of Directors  
Ryan Grady, Chief Financial Officer  
Thomas Furlani, PhD, Chief Information Officer  
Martins Innus, Director, IT Infrastructure (*via Teams*)  
Boris Kuvshinoff, MD, Chief Medical Officer (*via Teams*)  
Kathleen Mastrobattista, Compliance Officer (*via Teams*)  
Raghu Ram, MD, Vice President, Value-Based Care Optimization & Community Clinical Collaboration (*via Teams*)  
Adam Rosen, Chief Information Security Officer  
Islam Sallaj, Infrastructure Manager, IT  
Michael B. Sexton, Esq., Senior Vice President & Chief Legal Officer  
- Secretary (*via Teams*)  
Jeff Walker, Executive Vice President

**Opening Remarks/Minutes**

Mr. Manning brought the meeting to order and welcomed all attendees. Mr. Manning asked for approval to the draft minutes of the Committee’s last meeting, which was held on May 25, 2022. After review, a *motion was so made by Ms. NeMoyer, seconded by Ms. Mitchell for approval of those minutes, which motion was unanimously carried.*

The meeting was then turned over to Mr. Furlani for review of certain contracts that would be reviewed by this Committee for recommendation to the Board.

### 3M Coding and CDI Software Renewal

Mr. Furlani presented on a 3-year extension of the current coding and clinical documentation software system from 3M. The cost is \$668,222 for a 3-year term with a 3% maximum inflation escalator. This software system groups and sorts diagnoses and assigns DRG codes to the coding information submitted for patient charges. It also calculates ambulatory payment classification codes for outpatient patients. A single source approval was authorized for this purchased based on the impending revenue cycle project. This replacement of the 3M coding system would be a large project on its own and would impair the revenue cycle project. Management has committed to a new RFP that will be done at the end of the 3-year renewal term for the 3M contract. Mr. Furlani asked for a recommendation to the Board for approval. *A motion was made by Mr. Stoltz and seconded by Ms. NeMoyer for approval of this contract, which was unanimously carried.*

### Campus Wireless Upgrade

Mr. Furlani presented on a \$4.3M upgrade to the critical infrastructure for the campuses wireless system. This system is particularly important for the hospital, as Wi-Fi currently does not cover whole floors in the hospital and other buildings. There are blank spots. The Cisco Wi-Fi system is currently end of life, and the controllers and access points have aged out. The last major upgrade was in 2010. The system is now experiencing connectivity issues which results in patient complaints. Mr. Furlani noted that the bandwidth needs expanding as well. A third party assessment was obtained to provide a baseline by Red River, the industry leader. The Wi-Fi system currently has 1200 access points and Red River determined that 2100 are needed. The hospital alone is short by 150 access points which is 30% of the total need. The market was assessed and there are four vendors, Arista, Aruba, Juniper Mist and Cisco. The costs for each were assessed by Red River. Juniper Mist, at \$3.7M, was significantly less expensive than the other vendors. There will be a total maximum cost of \$4.3M for this system install with a 5-year maintenance contract. The purchase will be on a group purchase contract. Lead time for this contract was discussed, there will be an 8-month lead time for purchase of the equipment. The project is projected to take 2 years for total implementation. It was noted that Wi-Fi involves network security integration issues and Juniper Mist integrates well with the current Cisco ISE system. Juniper Mist is widely used, and it was noted that it is the system implemented at Memorial Sloan Kettering, City of Hope and the Veterans Administration.

Implementation will be in non-clinical buildings first to gain experience with the system. Red River will handle the integration implementation. There are also penalties in the contracts in the event the vendor experiences supply chain issues.

*A motion for approval was made by Mr. Fried, seconded by Ms. Mitchell and unanimously approved.*

*Ms. Mitchell made a motion to move the meeting to Executive Session for the purpose of reviewing and discussing the IT Information Security updates which motion was seconded by Mr. Stoltz and unanimously carried.*

## Information Security

Mr. Rosen gave the IT Security presentation, reviewing the University of Vermont ransomware incident. Mr. Rosen noted that 70% of ransomware attacks begin with malicious phishing email attacks. He reviewed methods used by hackers, which include credentials harvesting, links and attachments. He noted that executives and board members are high profile targets for ransomware attacks because of their access to sensitive information. He reviewed security systems that Roswell Park maintains to combat potential ransomware attacks.

*At that point, Ms. Mitchell made a motion to return to Open Session which was seconded by Ms. NeMoyer and unanimously carried.*

## Information Technology Update

Mr. Furlani's IT update included summarized highlights of the following ongoing and recently completed initiatives:

1. CrowdStrike. Mr. Furlani noted that CrowdStrike cybersecurity system is now installed.
2. VDI. Virtual desktop infrastructure is mostly implemented with 400 clinical devices deployed. This permits upgrades and patching in a fraction of the time it takes to take care of individual machines. This is a massive resource saver and permits excellent upgrading of security capability.
3. Support for RP prostate screening at KeyBank Center. Mr. Furlani also reviewed some positive activities within his Department including the KeyBank Center prostate screening project and the clinical application rationalization system.
4. Clinical Application Rationalization. An ongoing application rationalization report will be issued in October of this year.
5. Mobile CT Update. He also reviewed IT Work on the Mobile CT project which is expected to be up and running by October 1<sup>st</sup>.

Mr. Furlani reviewed resource issues noting that both IT and IT Security are having trouble finding quality people and the numbers needed.

## Revenue Cycle Transformation

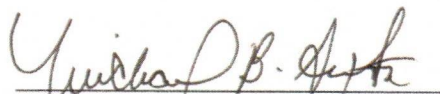
The revenue cycle implementation was reviewed by Mr. Grady and the timeline was reviewed. The "Go Live" is projected for June 1<sup>st</sup>, 2024, with post "Go Live" processes going on for

3-months thereafter. The integration project closed July 29<sup>th</sup> successfully with 73 interfaces completed. Patient Access redesign is expected to be implemented by the end of August. The Radiation Medicine replacement of the mosaic system will be starting shortly.

Mr. Grady reviewed phase 2 of the revenue cycle project which is the planning and design phase ongoing. Rates are going up and scope is getting expanded so the cost for implementation is expected to be higher. He agreed with Mr. Furlani that finding employees and temps is very challenging for this project. There are 60 people currently working on Roswell Park's revenue cycle project. He noted that the Cerner Envision legacy system will stay live for 18 months after the Athena Health System goes live in order to cover Roswell Park in the event there are delays.

There being no further business, *a motion to adjourn the meeting was made by Ms. Mitchell and seconded by Ms. NeMoyer.*

Respectfully submitted,

  
Michael B. Sexton, Esq., Secretary