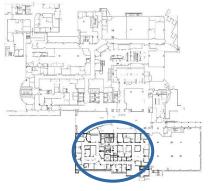




Roswell Park Pediatric Infusion Center Healthcare Design Villa Maria College Jamie Wesolowski



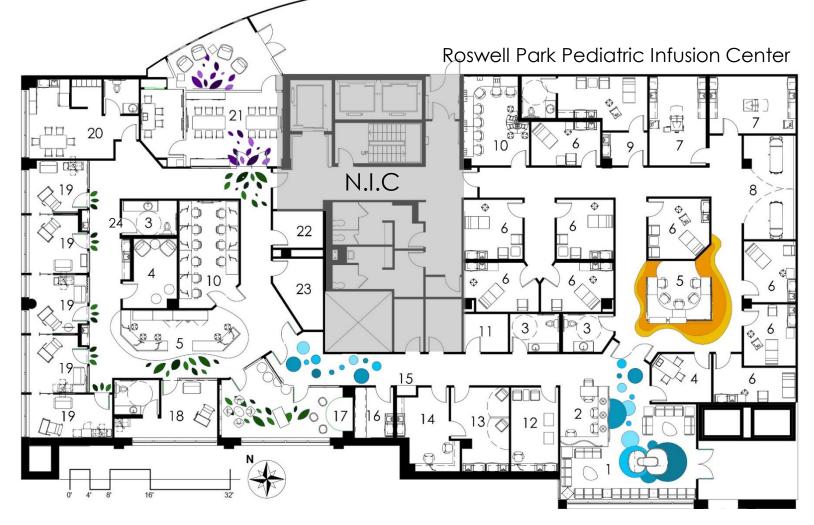
#### Location- Roswell Park Cancer Institution Buffalo, New York

"Roswell Park Cancer was founded in 1898 as the Nations' first cancer center. Roswell Park set the standard for today's approach to the highest quality of cancer care. They are focused on providing a range of services that help patients and their loved ones cope with concerns related to their illness, before, during and after cancer treatment. In 2017 they opened their pediatric center that provides cancer care for patients from birth to 22 years old. Looking well beyond survival and with a dedication to long-term quality of life"

#### **Project Statement**

Taking the children away from the negative emotions by incorporating musical elements, this creates a positive influence of all ages, from toddlers to teenagers. This reduces stressful hospital noises that will improve the overall environment for the patients. Children and teens can discover the interactive murals and relate each image to the sounds from nature and in the geographic zones. This creates a sense of fun which helps distract them. Each geographic zone features playful and colorful artwork that depicts animals such as moose, birds, and fish as well as the landscapes that correspond with each region that can be found around the state of New York. Since patients of Roswell Park come from all over the world this creates a space that resembles our home state.

The imagery that was chosen appeals to children of all ages, and even adults. Choosing these help avoid alienating older children who will be treated in the Infusion Center. The interactive screen is geared towards younger patients to help create a sense of fun while traveling to their destinations. The murals and signage also work as different color coated zones that help children navigate through the variety of spaces. The main zones includes Reception, Exam, Infusion and Survivorship.

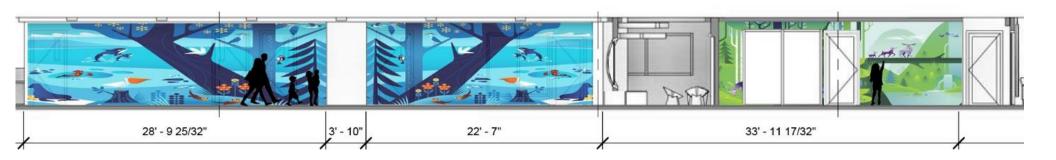


#### <u>Key</u>

- 1. Reception
- 2. Check In & Check Out
- 3. Restrooms
- 4. Consultation
- 5. Nurses Station
- 6. Exam Rooms
- 7. Procedure
- 8. Pre & Post Recovery
- 9. Private Exam Room
- 10. Workroom
- 11. Clean
- 12. Assessment
- 13. Phlebotomy
- 14. Lab
- 15. Tube Station16. Medicine & Apex
- 17. Playroom
- 18. Private Infusion
- 19. Infusion Bays
- 20. Staff Breakroom
- 21. Survivorship
- 22. Janitor Closet

Mural Hallway

- 23. Soiled
- 24.Nutrition



Reception
Survivorship
Exam

The reception resembles the two Great Lakes that surround the city. In the infusion center you can find inspiring murals that resemble the forests that can found throughout the state of New York. The survivorship room takes you to the mountains in the Adirondacks where you can find moose and bear. Creating a space where children can use their imagination was the ultimate goal of the design. These murals were an inspiration from the artwork at Seattle Children's Hospital. The design team that was behind the artwork is Lab Partners, located in San Francisco, California.

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## Reception

The reception resembles Lake Erie and Lake Ontario. The children will begin to use their imagination as soon and they enter the space. The kids are drawn to the reception desk with a colorful blue mural which resembles underwater life. This is resembled onto the floor as well.







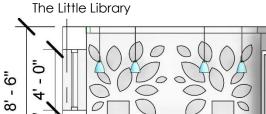


# Playroom

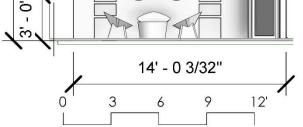
The playroom is inspired by outdoor play. Bringing the outdoors inside the hospital playroom was the goal of the design. Children can experience dramatic play by using the theatre area of the playroom. Behind the stage is an interactive wall that can show scenes of the forest while the children put on shows. A large reading nook is hollowed out of a "tree" which is there to encourage the children to read and use their imagination under the leaves and branches. The tree wall acts as a "Little Free Library" where children can borrow books as they are in infusion. There is also an area where children can sit and relax while a music therapist plays fun and interactive songs.















Sally Versatile Stool

Maya Lin Table

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### Nurses Station



Natural Lumicor



Armstrong Ceiling Panel



Noraplan Eco Flooring



The Infusion Center is one of the main regions. A bright green soffit and cove lighting makes the station the main focal point as soon as you enter the space. There is a direct line of sight into the private infusion as well as the playroom. Parents will feel at ease letting their children play and enjoy their time. The main forest mural is directly across from the nurses station which allows children to use the interactive screen without parental super vision. Armstrong custom ceiling systems lowers the noise of the nurses and allows for minimum distraction of the children while in the infusion bays.





### Infusion Bay

A Music Therapist is one of the unique methods of minimizing negative emotions brought on by Cancer. It helps patients relax and handle their cancer treatment in a way no medication can. It is something that all age groups can enjoy. It helps encourage self expression and also provides benefits for the caregivers, and even the staff at Roswell Park. When a music therapist is not at the hospital, patients can still enjoy music by bringing their own headphones and plugging into the jukebox. Each room is separated by a pocket door that can be opened to encourage the kids to socialize.







Flooring



Nemschoff Ava Recliner



Survivorship





Bertoia Molded Shell Stool

> Aeon Rocket Pendant

Survivorship is separated into three main rooms: consultation room, classroom, and the music room. The main atrium of Roswell Park acts as a waiting room for the entire institution which can be seen from the music room. During the day musicians come and play in the atrium which sends peaceful music throughout the institute. The music is continued into the survivorship where kids can come and learn instruments as well as re-connecting with friends they have met from Roswell Park. The room is set up like a campfire which resembles the region of the Adirondack Mountains.

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