



Ramot Nexus Village

A community of healthcare innovation for the aging population

Naming

Ramot **Nexus** Village



- Nexus:

Refers to a connection or link between things, a central point or hub, a bond or tie between people

- Village:

The African proverb "it takes a village to raise a child" highlights the significance of community involvement in providing a secure and healthy environment for children to thrive and fulfill their aspirations. It stresses that raising a child is not only the duty of the immediate family but also the entire community. By working collaboratively, communities can establish a nurturing atmosphere that fosters children's growth and well-being.

Ramot Nexus Village

They say “it takes a village” -

and that is undoubtedly true, but it's equally important, to have a supportive community when it comes to caring for the elderly.

Nexus Village: A synergistic community for healthcare and wellness innovation, bringing together experts, entrepreneurs, and researchers to make a vital impact on the world of healthcare while being a beneficial part of the neighborhood and city, with a **special focus on the needs and wellbeing of the aging population.**



Mission

Our mission is to serve the public interest and promote the well-being of our community. We are committed to working with medical institutes and academic partners to provide top-quality care and advance research in the field of geriatric medicine.



Vision

We believe that it takes a village to care for our aging population, and we are dedicated to building a community that fosters innovation, collaboration, and compassion to improve the quality of life for our residents. Our vision is to be a beneficial part of the neighborhood and city, transforming healthcare and wellness for the greater good of society.



Nexus Village is envisioned as a multipurpose ecosystem for healthcare and wellness, whether

Preventive

Empowering Health Through Prevention

- Regular health check-ups
- Vaccinations
- Nutrition counseling
- Fall prevention programs
- Exercise and fitness programs

Predictive

Beyond Diagnosis: Predicting Health Outcomes

- Genetic testing and counseling
- Early cancer detection
- Cognitive assessments
- Cardiovascular disease risk assessment
- Predictive analytics for personalized medicine

Proactive

Proactively Caring for Your Health

- Chronic disease management
- Mental health counseling and therapy
- Pain management
- Geriatric care management

Post-treatment

Continued Care for Your Health Journey

- Post-operative care
- Rehabilitation and recovery
- Palliative care
- Hospice care

The Community: An Ecosystem of Excellence

Nexus Village is envisioned as a multipurpose ecosystem for healthcare and wellness

Entrepreneurial **start-ups**, well-established **companies**, **educational** and **research** institutions, **nonprofits**, and others will support and enrich one another, expanding out their circle of collaboration to include organizations in areas like **food-tech**, **climate**, **sustainability**, **transportation**, **defense** and more.

Platform



Services



Community



Integrated Healthcare and Hospitality Center



Empowering Elderly Communities:

Comprehensive Services for an Aging Population

Nexus Senior Care



Nexus Medical Academy



Nexus Convention Center



Nexus innovation center



Nexus Living Quarters



The Nexus Nursing Pavilion/ Nexus Senior Care



Provides a welcoming environment for seniors to live life to the fullest. Our specialized medical clinics are equipped with state-of-the-art medical equipment, and our team of healthcare professionals is trained to provide specialized medical care. Our clinic services are tailored to meet the unique health needs of each resident, ensuring that they receive the best care possible.

- Rehabilitation
- Dialysis
- Alzheimer's care
- Ophthalmology clinic
- Advanced wound care
- Palliative care services
- Memory care program
- Advanced pain management service
- Alternative Medicine
- Medical cannabis therapy



Nexus Women's Health Institute



Our institute is dedicated to providing comprehensive care for women **aged 40 and above**. From early age to menopause, we provide specialized care for every stage of a woman's life. Our services include gynecology, obstetrics, breast health, bone health, and more..

- Advanced fertility treatments such as egg freezing and genetic screening
- 3D mammography and breast MRI imaging for early detection of breast cancer
- Advanced treatment options for gynecological cancers
- Menopause management services including hormone replacement therapy and alternative treatments
- Comprehensive prenatal and postpartum care services



Nexus Medical Academy



Nexus Medical Academy: Our Nexus Medical Academy provides education and training for the medical professions. We offer courses in medicine, nursing, physiotherapy, dietetics, and more. Our **Blue-collar academy** provides training for auxiliary forces, sanitary workers, medical secretaries, and more.

- Simulation training center
- Medical school
- A paramedical profession such as physiotherapy and nutrition
- Medical Secretaries
- Advanced surgical training with state-of-the-art equipment
- Medical research opportunities with a focus on community medicine



Nexus Convention Center



A Convention Center is a facility designed to host a variety of events such as conferences, trade shows, exhibitions, and other gatherings. At Nexus Village, the Convention Center would be a space where healthcare professionals, researchers, and other stakeholders can come together to share knowledge and ideas, learn about the latest developments in healthcare, and network with one another. The Convention Center would also host community events and activities to promote wellness and healthy living.



Nexus Living Quarters



Our Nexus Living Quarters provide dormitories for students and medical staff. Our living quarters are designed to provide a comfortable and safe environment for those studying and working in the medical field.

- Advanced health monitoring technology including wearables and smart home devices
- On-site mental health and counseling services
- Nutritional counseling and personalized diet plans
- Health and wellness programming such as yoga, meditation, and mindfulness classes
- Access to medical professionals and resources 24/7 for emergency care and support



Nexus Wellness & Longevity Center



Longevity Center & Spa: Our Longevity Center & Spa is designed to help you feel your best. We offer a range of services. Our goal is to provide you with the tools and resources you need to live a healthy and happy life.

- Aesthetic and cosmetic treatments
- Spa treatments
- Ice spa
- Sports
- Personalized genomic medicine to create a customized health plan based on an individual's DNA
- Gene therapy
- Regenerative medicine
- Cutting-edge fitness technology including virtual reality workouts and advanced fitness tracking devices



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Nexus Co-share laboratory



Co-share laboratory refers to a shared laboratory space where researchers, scientists, and entrepreneurs can work together, share resources, and collaborate on innovative projects. It provides a cost-effective way to access high-end lab equipment and infrastructure, as well as opportunities for networking and knowledge sharing among like-minded professionals.

- Shared laboratory space for research and development projects
- Access to specialized equipment and instrumentation
- Technical expertise and assistance from experienced researchers and scientists
- Networking opportunities with industry professionals and researchers
- Workshops and training sessions to enhance knowledge and skills
- Funding opportunities and resources for entrepreneurial ventures
- Incubation and acceleration programs for early-stage startups in the healthcare and biotech industry.



Nexus Medical Imaging Facility



A medical imaging facility is a center that specializes in using advanced imaging technology to diagnose and treat a wide range of medical conditions.

- X-rays
- CT scans
- MRI scans
- Ultrasound
- PET scans
- Mammography
- Bone Densitometry
- Nuclear Medicine
- Interventional Radiology



More options

Nexus Mental Health



Mental Health is a crucial aspect of overall health and wellbeing. It includes a range of conditions such as depression, anxiety, and bipolar disorder, as well as substance abuse and addiction. Mental Health services are essential in addressing the growing need for support and resources for individuals experiencing mental health challenges.

- Art therapy: Express emotions through creative forms such as painting, drawing, and sculpture.
- Music therapy: Use music to improve communication, regulate emotions, and reduce anxiety.
- Mindfulness meditation: Be present in the moment to manage anxiety, depression, and mental health concerns.
- Cognitive-behavioral therapy (CBT): Identify negative thought patterns and behaviors to learn coping strategies.
- Group therapy: Share experiences and learn from others in a supportive environment.
- Medication management: Important treatment component for severe mental health concerns.
- Family therapy: Improve relationships with family members affected by mental health concerns.
- Trauma therapy: Process traumatic experiences and reduce PTSD symptoms
- Addiction



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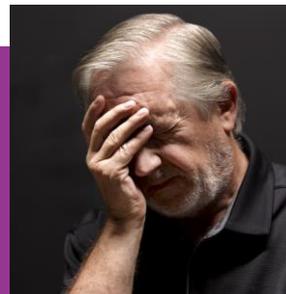


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Innovation Center



Key zones in innovation centers

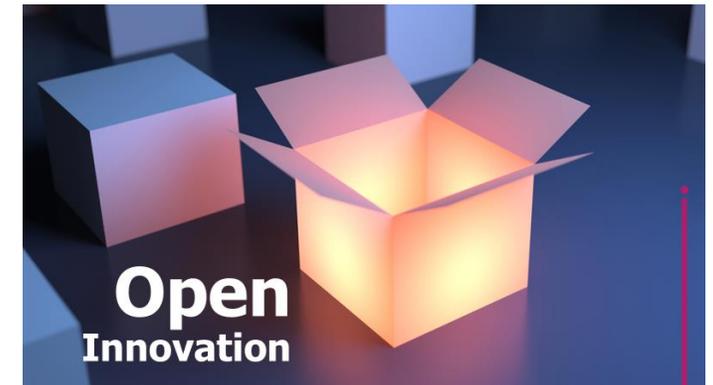
- Meeting zone
- Nomadic zone
- Social Zone
- Residential zones
- Share Lab zone
- Event space
- Simulation zone
- Maker space



Moving from closed innovation to beyond open innovation

Beyond Open Innovation “Cross – industry Collaboration” “Not Invented Here”

Collaborations between unrelated industries can create novel solutions for existing challenges and lead to the production of new product lines and services.



Potential Partners

- Ministry of Health
- Hospitals
- HMOs
- Research Institutions
- Major pharmaceutical firms
- Health-tech companies
- Laboratories
- Technology R&D centers
- A nursing school
- A faculty of medicine
- Medical equipment developers



Social responsibility

ESG: Environmental, Social & Governance

Environmental, Social, and Governance. It is a set of criteria that investors and stakeholders use to evaluate a company's sustainability and ethical impact

Environment:

Including issues such as climate change, pollution, and resource depletion.



Social

Human rights, labor standards, diversity, and community relations.



Governance

The company's governance structure and practices, including issues such as board composition, executive compensation, and transparency.



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SDOH: Social Determinants of Health

The Nexus Village community is also part and parcel of the city itself. It will exemplify community involvement with services such as a rehabilitation center, assisted living, a dialysis center, a medical imaging facility, an emergency room, and more.

The goal is to (1) create jobs, (2) provide access to advanced medical services, and (3) turn the entire area into a magnet for families, entrepreneurs, researchers and academics.

SDOH are the nonmedical factors that influence health outcomes. They are the conditions in which people are born, grow, work, live, and age, and the wider set of forces and systems shaping the conditions of daily life

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THANK YOU!

04/05/2023