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**Breakthrough  
treatments  
and research  
for your  
patients.**



# Like you, we're motivated by helping patients.

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So when we're exploring and discovering new ways to diagnose and treat cancer, we think big and creatively. Our doctors and scientists work together to come up with novel ideas and approaches. And when one looks promising, we have to test it, evaluate it, and test it again. It can take years to prove that a scientific breakthrough is safe and effective.

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**And telling a patient that we have new hope makes it all worth it.**

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Our new AHN Cancer Institute at Allegheny General Hospital (AGH) is where we research theories, test clinical trials, and explore cutting-edge technology. All with the goal of detecting cancer earlier and treating it better while reducing the impact to patients' bodies and lives.

The innovative facility at AGH is also a comprehensive, diagnostic treatment center. Multidisciplinary cancer care teams combine their expertise and experience to have a significant impact on a patient's chances for managing or beating cancer.

## Developed at AGH. Practiced across AHN.

Patients at all of our 20 AHN Cancer Institute locations have direct access to innovations and clinical trials available at our new research hub at AGH. That means all of our patients get top cancer care, closer to home, and a support team that's always close by.







# New leader is a difference maker.

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David Bartlett, MD, brings three decades of cancer research, surgical oncology innovations, and proven leadership to his new role as chair of the AHN Cancer Institute. He's been a pioneer in abdominal cancer treatments and a dedicated, prolific researcher, including with the National Cancer Institute.

**David Bartlett, MD**  
Chair, AHN Cancer Institute

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“What is so impressive about the AHN Cancer Institute is that it’s expanding and growing in order to reach people in their communities,” Dr. Bartlett said. “And the staff are so dedicated to their patients and doing the right thing for the right reasons.”

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**Dr. Bartlett is passionate about researching treatments for patients with aggressive and complex cancers.**

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“The most rewarding aspect for me of being a physician is having patients who have lost hope and having the ability to say, ‘I think there is hope with a novel therapy that can make a big difference in their lives.’”

# Collaboration and exploration lead to breakthroughs.

We built the new research facility at AGH to further our pursuit of making cancer a treatable disease rather than a terminal one.

Some cancers are so tricky and aggressive that it takes teams of experts to unravel their complexities. Our physicians and scientists explore avenues of discovery to find cancer earlier, treat it effectively, and give patients the best possible quality of life after their cancer journey.



## Ion™ Endoluminal System

This technology lets doctors reach places in the lung they couldn't easily get to before. The super-thin scope bends through narrow airways to reach the deepest parts of the lung, clipping suspicious tissue to biopsy. If we find cancer with the Ion, we can treat it more successfully at this early stage.



# Game-changing discoveries and therapies **happen here.**

## **GammaPod®**

With one of the world's first GammaPod® systems, we will be able to deliver precise, high doses of radiation to breast tumors. The strength and accuracy means patients only need one to five treatment days, instead of the standard six weeks.

## **Elekta Unity MR-Linac**

Only a few health facilities in the country have the Elekta Unity MR-Linac, and AGH will be one of them. It produces MRIs of a tumor during the radiation delivery, so doctors can match the shape, size, and position of the tumor.

## **Genomics and Precision Medicine Center**

Genetic experts at our new center break down patients' genes to figure out which ones are driving tumor growth. Knowing this information lets us choose which drug or therapy has the best chance of eliminating the cancer cells.

## **HIPEC**

Abdominal cancers are among the most challenging, but a procedure called hyperthermic intraperitoneal chemotherapy (HIPEC) provides some patients with promising outcomes. Pioneers in performing this highly complex surgery, our surgeons remove all visible tumors from the abdomen and then circulate a heated chemotherapy solution in the abdomen to kill any cancer cells left behind.

## **Gamma Knife®**

This technology helps us treat some of the most difficult brain tumors, like the ones nestled in areas close to critical brain functions. Instead of surgery, we aim 200 beams of radiation directly at the tumor. Gamma Knife® involves no incision and no pain, and can stop the growth of certain brain tumors and even completely eliminate them.



HIPEC



Elekta Unity MR-Linac

## An innovative treatment facility centered on patients.

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### Everyone has their own cancer journey.

That's why the patients you refer to the AHN Cancer Institute at Allegheny General receive personalized care from clinicians they come to know and rely on.

The state-of-the-art facility has advanced technologies and therapies that target patients' cancers for the best possible outcomes.

And it's all in comfortable, peaceful surroundings where the staff comes to know and support each patient and their family.





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The new, four-story, 90,000-square-foot building at AGH is designed to make patients' experiences as welcoming, calming, and healing as possible. That includes spacious treatment areas with an abundance of natural light, and plenty of room for patients' loved ones to remain on site for support.

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# Advanced treatments and high-quality care.

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## Innovative surgeries

Our highly experienced AHN surgeons perform procedures to prevent, diagnose, and treat cancer. For some cancers, we use robotics and other specialized techniques so the impact to the body is as minimal as possible. That often means small scars or none at all, less pain, and a pretty quick return to daily routines.

## Radiation therapy

We have advanced technology to deliver highly precise radiation directly to tumors, minimizing harm to surrounding healthy tissue and organs. AHN radiation oncologists have been at the forefront of putting leading-edge technologies and techniques in radiation therapy into clinical practice.

## Chemotherapy

Our medical oncologists determine the most effective type of medical treatments to kill cancer cells, control their growth, or relieve pain symptoms. We use chemotherapy in combination with other treatments to either shrink tumors before surgery or radiation or to eliminate all cancer cells after other treatments have been performed.

## Immunotherapy and targeted therapy

We use different types of immunotherapy to stimulate a patient's immune system to fight cancer cells. And we use targeted therapy to direct drugs directly to the abnormal parts of the cell that create the disease.

## Clinical trials and research

We discover new and better cancer treatments through clinical trials. A patient's treatment may include one of these cutting-edge treatments.

## Advanced imaging and diagnostics

Developments in imaging technology allows us to detect tumors early for more positive outcomes, including cures. We have several diagnostic methods — from mammograms and tomosynthesis to MRIs and PET scans to bone scans and endoscopy.





## An expert team built around each patient.

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Life changes suddenly for people who are told they have cancer. But after the shock wears off, patients want help getting the most effective treatment from experts in their cancer.

The AHN Cancer Institute at Allegheny General has oncologists who tailor treatment plans for each patient. Our teams provide comprehensive care, bringing together surgical, medical, and radiation oncologists, radiologists, pathologists, oncology nurses, mental health specialists, nutritionists, rehabilitation specialists, genetic counselors, pharmacists, and social workers.

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And with starting care quickly being so crucial to outcomes, our cancer team typically meets patients within three days of diagnosis to discuss next steps.

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### Specialists for every type of cancer.

Our patients also have the added expertise of a larger team of AHN physicians known as “tumor boards,” each having deep expertise in a cancer specialization. These clinicians discuss and determine the right combination of treatments, even therapies that target cancers based on a patient’s genetic profile.

Through video conferencing, these meetings include doctors at all of our AHN Cancer Institute locations. We do this so every patient has the same group expertise, no matter where they go for their doctor visits and treatments.

### Collaboration with Johns Hopkins Medicine

When faced with recurring cancers that are among the most complex to treat, we collaborate with our colleagues at Johns Hopkins Sidney Kimmel Cancer Center in Baltimore, Maryland. We join forces on research and clinical trials and have peer-to-peer consultations.







# Supporting patients' physical and emotional needs.

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Cancer care goes well beyond treating the disease. We focus on patients' total health before, during, and after their treatments, so they always have a support team in place.

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These are some of AHN's offerings for oncology patients' unique needs.

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## One nurse to guide each patient

Patients have their own nurse navigator from beginning to end of their cancer journey for comprehensive guidance and support.

## Testing genes for hereditary cancer

If a patient has a type of cancer that poses an inherited cancer risk, we have genetic counselors who provide testing and management options.

## Rehabilitating the body

Specially trained AHN oncology physical therapists can help minimize side effects and maximize a patient's quality of life.

## Keeping the heart strong

Patients who may be at risk for heart troubles because of their treatments can receive care from our cardio-oncology specialists.

## Holistic approach to treatment

Patients can have complementary therapies like meditation, massage therapy, yoga, and acupuncture.

## Strengthening mental health

We have psychiatrists, social workers, and support groups to help patients with their mental well-being.





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GammaPod® is a registered trademark of Xcision Medical Systems and used with permission.

Elekta Unity's MR-Linac is a product of Elekta and used with permission.

Gamma Knife is a registered trademark of Elekta and used with permission.

Language accessibility and nondiscrimination

Allegheny Health Network (AHN) complies with applicable Federal civil rights laws and does not discriminate on the basis of race, color, national origin, age, disability or sex in its health programs and services. In order to treat individuals in a nondiscriminatory manner, AHN provides free communication aids and language assistance services.

ATTENTION: If you speak English, language assistance services, free of charge, are available to you. 412-330-2400

**Arabic**  
ملحوظة: إذا كنت تتحدث اذكر اللغة، فإن خدمات المساعدة اللغوية تتوافر لك بالمجان. اتصل برقم 412-330-2400.

**Chinese**  
注意：如果您使用繁體中文，您可以免費獲得語言援助服務。請致電 412-330-2400.

**French Creole**  
ATANSYON: Si w pale Kreyòl Ayisyen, gen sèvis èd pou lang ki disponib gratis pou ou. Rele 412-330-2400.

**French**  
ATTENTION: Si vous parlez français, des services d'aide linguistique vous sont proposés gratuitement. Appelez le 412-330-2400.

**German**  
ACHTUNG: Wenn Sie Deutsch sprechen, stehen Ihnen kostenlos sprachliche Hilfsdienstleistungen zur Verfügung. Rufnummer: 412-330-2400.

**Gujarati**  
સુચના: જો તમે ગુજરાતી બોલતા હો, તો નિઃશુલ્ક ભાષા સહાય સેવાઓ તમારા માટે ઉપલબ્ધ છે. ફોન કરો 412-330-2400.

**Italian**  
ATTENZIONE: In caso la lingua parlata sia l'italiano, sono disponibili servizi di assistenza linguistica gratuiti. Chiamare il numero 412-330-2400.

**Korean**  
주의: 한국어를 사용하시는 경우, 언어 지원 서비스를 무료로 이용하실 수 있습니다. 번으로 전화해 주십시오. 412-330-2400.

**Mon-Khmer**  
ប្រយ័ត្ន៖ ប៊ីសិនជាអ្នកនិយាយ ភាសាខ្មែរ, សំវាំងជំនួយផ្លូវក្រៅភាសា ជាយមិនគិតល្បឿន គឺអាចមានសំរាប់ប៊ីអ្នក។ ចូរ ទូរស័ព្ទ 412-330-2400.

**Pennsylvania Dutch**  
Wann du Deitsch schwetzscht, kannscht du mitaus Koschte ebber gricke, ass dihr helft mit die englisch Schprooch. Ruf selli Nummer uff: call 412-330-2400.

**Polish**  
UWAGA: Jeżeli mówisz po polsku, możesz skorzystać z bezpłatnej pomocy językowej. Zadzwoń pod numer 412-330-2400.

**Portugese**  
ATENÇÃO: Se fala português, encontram-se disponíveis serviços linguísticos, grátis. Ligue para 412-330-2400.

**Russian**  
ВНИМАНИЕ: Если вы говорите на русском языке, то вам доступны бесплатные услуги перевода. Звоните 412-330-2400.

**Spanish**  
ATENCIÓN: si habla español, tiene a su disposición servicios gratuitos de asistencia lingüística. Llame al 412-330-2400.

**Vietnamese**  
CHÚ Ý: Nếu bạn nói Tiếng Việt, có các dịch vụ hỗ trợ ngôn ngữ miễn phí dành cho bạn. Gọi số 412-330-2400.



## Personalized referring portal for you.

AHN Physician-to-Physician Referral System is available 24/7 for a referral, emergency admissions, or interfacility transfers. Please call 1-888-660-4884 or 412-359-8066.

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AHN Cancer Institute – Allegheny General welcomes you to reach out directly to these programs with any questions:

Radiation Oncology: 412-359-3400

Medical Oncology: 412-325-5700

Surgical Oncology: 412-359-3731

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AHN Cancer Help Line is for your patients to make an appointment and for 24/7 answers and support. It's free to everyone. Please have them call 412-NURSE-4-U or 412-687-7348.

**AHN Cancer Institute — Allegheny General**  
**314 East North Avenue**  
**Pittsburgh, PA 15212**

