Maimonides Health

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THE LATEST INNOVATION in Prostate Cancer Care



Gone are the days of time-consuming, invasive treatment options with long recovery times. As medicine and technology continue to progress, doctors and patients alike prioritize minimally and non-invasive treatment options whenever possible. Laparoscopic surgery, medications, and other treatments lead the way, but high-intensity focused ultrasound (HIFU) is gaining momentum as a preferred treatment for prostate cancer.

Dr. David Silver is the Chief of Urology at Maimonides Medical Center and the Director of the **Maimonides Prostate Center**. Under his leadership, Maimonides began offering non-invasive HIFU treatment to prostate cancer patients in 2019. This non-invasive approach to prostate cancer makes it popular among patients and providers, and the perfect topic for Prostate Cancer Awareness Month.

Patients Have a Lower Risk of Incontinence and Impotence with HIFU

In addition to being non-invasive, HIFU helps patients avoid negative side effects that are common among more invasive prostate cancer treatments like radiation and surgery. "HIFU destroys prostate tumors without treating the entire prostate," Dr. Silver explains. "Limiting the

FEATURED STORIES

amount of prostate treated limits the risk of life-altering side effects like incontinence and impotence." The risk of impotence after HIFU is only 12–20%, whereas it reaches up to 50% for radiation or surgery that affect the whole prostate, according to Dr. Silver. This makes HIFU treatment ideal for patients who don't want to lose their bladder control or sacrifice their sex life. Arguably, this leads to a better quality of life for patients who have successful treatment. However, this doesn't mean HIFU doesn't have any side effects. "The most common side effects of HIFU include infertility due to ejaculatory duct blockage and voiding symptoms from post-ablation swelling of the prostate." But these symptoms are also common among patients who receive other treatments for prostate cancer.



HIFU: A Paradigm Shift in Cancer Treatment

Less invasive cancer treatment isn't limited to prostate cancer alone. In fact, this more conservative approach to treatment is popular among other types of cancer, like breast cancer, which prostate cancer treatment trends parallel. "Treating only as much of the prostate as necessary to control the tumor relies heavily upon accurate imaging and dependably accurate biopsy strategies."

HIFU and other less invasive treatment protocols make way for improved outcomes and shorter recovery times. "Most patients can return to work 1–2 days after HIFU, but returning to full activities may take several weeks." That's a win for both patients and providers.

Diversifying the Supply Chain with Community Partnerships

Participating in community partnerships and connecting with diverse business leaders is a priority for Maimonides Health. Our efforts to diversify our supply chain set the tone for similar facilities within city limits, and we hope that influence also extends beyond New York City.

Maimonides Health partnered with One Brooklyn Health to develop a community-based solution for these goals. As a result, Brooklyn Communities Collaborative (BCC) is



developing a reputation for investing in the local economy through a variety of initiatives.

Brooklyn Communities Collaborative

Executives and healthcare leaders from many different organizations sit on the board for BCC. Together, they oversee several programs that enrich the lives of Brooklyn residents and support the businesses on which the community relies.

As part of its work focused on diversity and inclusion, Maimonides Health and One Brooklyn Health committed to sourcing 10% of the non-clinical goods from local minority and women owned businesses (MWBEs) by 2030. The result? BCC estimates these businesses will generate up to \$40 million more each year.

"Brooklyn Communities Collaborative's mission is to strengthen the health of Brooklyn communities, and improving economic wellness is a crucial part of that work. By partnering with institutions like Maimonides and One Brooklyn Health and channeling their economic power to uplift local and minority/women-owned businesses, we are setting decades of opportunity in motion," said Shari Suchoff, Executive Director, BCC.

A More Diverse Supply Chain Benefits Hospitals and Brooklyn

These efforts are a boon for Brooklyn residents. Recirculating tens of millions of dollars in the local Brooklyn economy through the hospital supply chain results in two additional outcomes: (1) the supply chain for Maimonides Health and One Brooklyn Health will become more resilient; and (2) funds used to diversify the supply chain at these two healthcare facilities will recirculate in Brooklyn and boost the local economy.

Maimonides is proud to be a part of this innovative initiative and provide this significant business opportunity to MWBEs in Brooklyn. Together with One Brooklyn Health, we're making progress toward a wealthier, healthier, and more equitable Brooklyn.

It Takes a Team to Earn a Patient's Trust: Maimonides Team Collaborates for Baby's Accurate Diagnosis

Collaboration isn't just a buzzword at Maimonides Health: it's the very thing that can save lives.

It was essential late one Friday night when Wyckoff Heights Medical Center contacted Maimonides Health. Their patient, Charlotte, a 9-month-old baby, was experiencing high fever, showed inflammation markers in her blood, and refused to put weight on her leg.

Wyckoff doctors were concerned that she had an infection in her hip joint, but they didn't have a pediatric anesthesiologist available to safely perform an MRI under sedation.

That night, Wyckoff connected with **Revital Caronia, DO**, a Maimonides pediatrician on-call at the hospital.

Dr. Caronia knew that getting the MRI done right away was imperative for the child's health. She arranged to transfer the infant to Maimonides and sprang into action to set up a pediatric MRI. It was no easy task; she had to find an orthopedic surgeon and pediatric anesthesiologist, to start.

"It took a lot of phone calls and a lot of people willing to come in and do what they had to do for this child," Dr. Caronia said.

After performing the procedure, doctors determined there was no infection in the baby's hip. She was diagnosed with a viral infection and ear infection, which Dr. Caronia treated right away. But she still wondered why the child had inflammation in her joint.



The Importance of Following Hunches—and Follow-Up Care

She sent the child home with her family. But she asked Charlotte's mother, Christina Lopez, to come back in a few days so she could followup with the baby.

When Charlotte came in a few days later, she had a fever and was limping.

"I looked at her[Lopez]and I said, 'OK, I don't know what this is, but I want to make sure it's not Kawasaki disease,'" Dr. Caronia recalled.

Dr. Caronia didn't want to send the baby to the ER, so she contacted the

pediatric cardiology team and got the family in touch with Daniela Rafii, MD. Dr. Caronia knew that if Charlotte's coronary arteries were dilated, it was a sign of Kawasaki disease, an autoimmune reaction that doctors believe can be virally triggered.

"We're not sure why kids get it. We think that it's a virus that triggers the immune system," she noted.

Charlotte underwent an echocardiogram, which confirmed Caronia's suspicions. The procedure revealed dilation in her arteries.

Right away, the baby was sent back to the hospital, where she was given

CASE STUDY: Pediatric team work



intravenous immunoglobulin (IVIG). The treatment lowers inflammation and prevents coronary artery damage. Once she was treated, she got better. She later went home on aspirin to prevent any clotting—a standard procedure, Caronia pointed out.

After follow-ups with the Maimonides pediatric cardiology team at two and six weeks after treatment, Charlotte was completely better. At that point, Lopez became a Maimonides patient for good.

"I thank God that I found this hospital," Lopez said in a subsequent testimonial.

Lopez grew to trust the Maimonides team after correctly diagnosing Charlotte's condition. And that couldn't have happened without a team of doctors working together to prioritize care—and get an accurate diagnosis.

"When you trust someone it's easier to take their recommendations, but you have to earn that trust," Caronia said.

For Caronia, the experience confirms why she became a doctor.

"I'm humbled every day that people trust me with their kids' lives," admitted Caronia.

Extending care by earning trust

Not only did Caronia see Charlotte through all her follow-up visits—Lopez decided to bring her older children to Caronia for checkups.

When Caronia ran laboratory work on Charlotte's siblings, Caronia discovered the children were prediabetic. Caronia worked with the family to implement diet and lifestyle modifications.

"We talked all about getting healthy as a family," Caronia recalled.

In just a few months, the older siblings returned for a follow-up visit. Both lost weight and lowered their body mass index (BMI), and they no longer have acanthosis on their necks, which can indicate diabetes.

"They look like they're getting healthier as a family," Caronia was pleased to report. "Getting her family healthy is just a bonus for me."

Caronia credits Lopez with following up, whether it was for the baby or her older children.

"She was persistent and had trust in Maimonides," Caronia said. "She's forever grateful to Maimonides and everything we did."

It takes a team

The whole process of treating Charlotte, and then her older siblings, was a "collaborative effort," Caronia said.

"We put our best foot forward for Charlotte," Caronia said. "I couldn't do it alone. There were so many people along the way that put her needs first."

Caronia now has a personal relationship with Lopez, who shares photos of the children with their doctor frequently.

EVENT RECAP: Research Night



MAIMONIDES SUMMER Research Experience

Founded by Dr. **Afshin Razi**, **Dr. Jack Choueka** and **Dr. Rushabh Vakhariain** 2020, the Maimonides Summer Research Experience invites ten first-year medical students to participate in an eight-week research program. This year, participants joined us from the College of Medicine at SUNY Downstate Health Science University and Morehouse School of Medicine. Five of them received scholarships to participate in the program, which offers students the opportunity to perform research, learn the fundamentals of orthopedic surgery, and observe orthopedic faculty in real time.

BSE Global supported the program philanthropically last year, which helped us to offer the scholarships to deserving candidates.

PROVIDER PROFILE



Maimonides Medical Center's Obstetrics and Gynecology Department Welcomes Dr. Justin K. To

Building world-class medical teams continues to be a top priority for Maimonides Health, especially in **the Obstetrics and Gynecology Department** at Maimonides Medical Center. In keeping with this priority, Dr. Justin K. To, MD, FACOG joins Maimonides as Associate Chairman of Gynecology and Co-Director of the Minimally Invasive Gynecologic Surgery Fellowship. With maternal health outcomes in the United States lagging behind other developed countries, Maimonides is proud to offer Brooklyn patients an additional highly experienced obstetrician/gynecologist (OB/GYN) to an expert team. Throughout his career, Dr. To has contributed to over 50 peerreviewed studies and demonstrated a sincere commitment to educating the next generation of OB/GYNs.

Advocating for Patients and Leading New Programs

Dr. To is enthusiastic about joining Maimonides and collaborating with our visionary leadership. "I'm most excited about working with a Chairman who truly has vision and with a department that is already excellent with room for significant growth."

He doesn't take this opportunity lightly—he views it as a responsibility to both patients, students, and colleagues. "I'm looking forward to being an advocate for gynecology services and to supporting our division for the benefit of our diverse patient community. I'm also very excited about helping to educate our fellows and guiding them to accelerate their clinical skills.

New Programs and Innovations Are Underway

Under Dr. To's leadership, we're expecting several updates to the Obstetrics and Gynecology Department, as well as the Minimally Invasive Gynecologic Surgery Fellowship. "We have many programs that will take hold this year, including an initiative to enhance the management of both ER and hospital patients with gynecologic issues, and another initiative to streamline the evaluation of patients with early pregnancy issues."

These priorities in care aren't a surprise given Dr. To's dedication and passion for gynecologic surgery and gynecology as a whole. "I was always drawn to performing surgery. Fantastic mentors and the ability to have continuity of care with my patients drew me towards OB/GYN. It's the best field in medicine!"

To make an appointment, call (718) 283-9044.

WE ARE PROUD TO WELCOME the following specialists to our faculty practice.

To see all the providers, click on "Find a Doctor" at maimo.org.

- Richard Funaro, MD Internal Medicine (Cardiology) 718-283-2600
- Heather Gold, MD Obstetrics & Gynecology, Family Planning 718-283-3000
- Mohammed Islam, MD Adult Psychiatry 718-283-7864
- Pascale Josama, MD Obstetrics & Gynecology 718-852-9180
- Zobidatte Moussa, MD Internal Medicine (Cardiology) 718-283-1500
- June Ng, MD Obstetrics & Gynecology, Family Planning 718-283-3000
- Ravikaran Singh Patti, MD Pulmonary/Critical Care Medicine 718-283-8380

- Kseniya Slobodyanyuk, MD Internal Medicine 718-283-5700
- Justin To, MD Obstetrics & Gynecology, Associate Chair, Gynecology; Co-Director, Minimally Invasive Gynecologic Surgery (MIGS) Fellowship 718-283-9044
- Paul Treybich, MD Geriatrics 718-283-7071
- Marian Gabriel Tudose, MD Adult Psychiatry 718-283-7864
- Sarah Vincent, MD Obstetrics & Gynecology 718-283-2306
- Rachel Webster, MD Obstetrics & Gynecology 718-852-9180

PODCASTS

Featured Podcast



TEN YEARS OF TAVR:

Looking Back, Looking Forward on This Game-Changing Aortic Procedure

Maimonides Medical Center has been named among America's Top 50 Cardiac Surgery Hospitals, according to Healthgrades. The work with TAVR or transcatheter aortic valve replacement are among the sophisticated processes that helped them get there. Listen to **Dr. Gregory Crooke** and **Dr. Robert Frankel** discuss this life-changing procedure alternative to traditional valve replacement.

Listen Here

