

Partners **in** Care Journal

Continuing Dialogue Between Primary and Specialty Care

MAY 2019



FEATURED

**LessRay Reduces Risk of Radiation
for Patients and Providers Alike**
By Tenner Guillaume, MD

**Gillette Offers Low Radiation
Imaging Specifically for Children**

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LessRay Reduces Risk of Radiation for Patients and Providers Alike

By Tenner Guillaume, MD

At Gillette Children's Specialty Healthcare, we're continuously looking for ways to improve the quality and safety of the care we provide for our patients. It was with this in mind that we acquired the LessRay image enhancement device and software last year.

The LessRay device integrates with our traditional C-arm X-ray, and allows us to take low-dose fluoroscopy images that are just as accurate as a full-dose fluoroscopy. This results in a safer environment for our patients, as well as for every other person in the OR. Thus far, the device has allowed us to reduce radiation exposure during such procedures by as much as 75 percent. We've also found that using LessRay actually reduces the number of fluoroscopic shots required to make intraoperative decisions.

Gillette is the only pediatric institution in the country that currently has this technology. It's just one more way that we're working to provide world-class care for the patients you refer to us, and a perfect example of why you should send them here to begin with. We're fully committed to fostering an environment of intra-operative excellence and our investment in new technologies and techniques is central to that mission.

Not every one of your patients will require spine care, but for those who do, Gillette is where they should be. We'll work with you to ensure that your patients receive the specialty spine care they need and deserve.

Please let us know if we can be of assistance,

Thank you,
Tenner Guillaume

Our Philosophy for Spine Care

At Gillette Children's Specialty Healthcare, our practice focused around specialty care pediatrics and we've honed this focus since our founding in 1897 as the country's first hospital for children who have complex childhood-onset conditions. We work with children every day. When it comes to the various forms of scoliosis and other spine conditions, there's not a level of complexity, or age of child, we can't treat.

We offer evidence-driven, prevention-based care for your patients.

Although some of the conditions we treat may ultimately require surgical intervention, we offer a range of evidence-based treatments, from observation and bracing to spinal fusion surgery.

We do everything in-house.

At Gillette, we do everything under one roof and as a coordinated team. When your patient comes to Gillette for an appointment, they can get X-rays that day. If they require a consultation surrounding bracing for scoliosis, our Assistive Technology department is on-site. We also offer complementary care services, like the Schroth Method of physical therapy, which offers patients more control over their scoliosis treatment.

We provide low radiation dose imaging services.

Gillette has an EOS X-ray Imaging System at our St. Paul campus. EOS offers a lower dose of radiation than traditional X-rays, and it is ideal for use in the treatment of patients who have a spine or limb deformity who may require repeated X-ray scans over their course of treatment.



Surgery is always the last option, but when the option is surgery, we do it best.

When surgery is required, your patients will receive the latest treatment techniques. We are known internationally for our use of Magnetically driven Growing Rods, which dramatically reduce the frequency of hospitalizations for your patients.

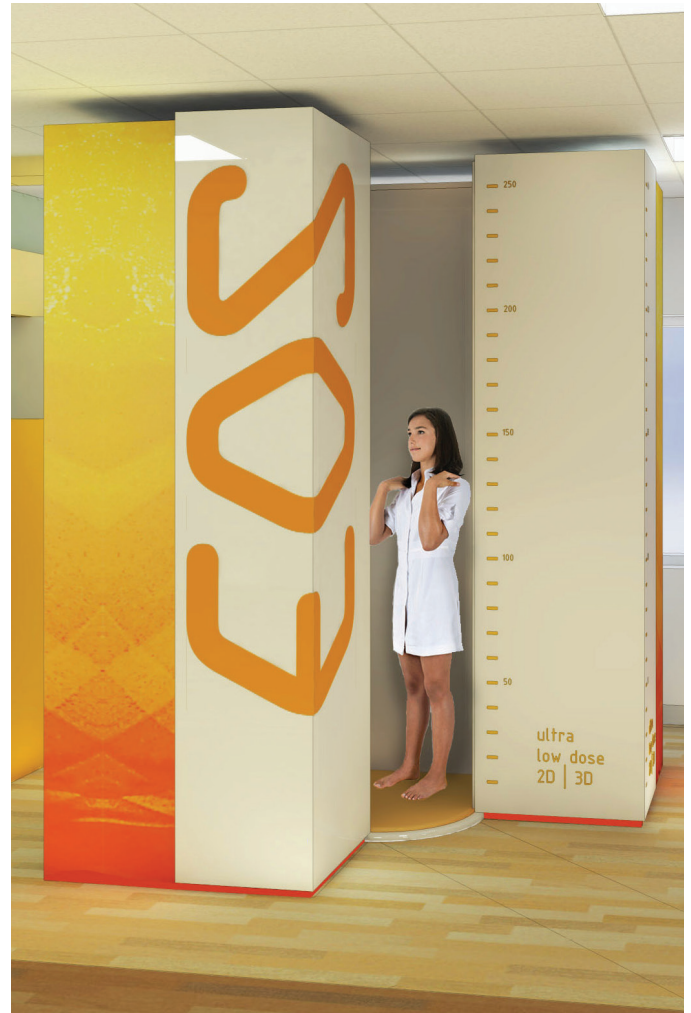
Gillette Offers Low Radiation Imaging Specifically for Children

Gillette has an EOS X-ray Imaging System at our main St. Paul campus. EOS offers a significantly lower dose of radiation than that of traditional X-rays, making it ideal for use in the treatment of patients who have a limb issue or spine deformity like scoliosis.

"We were very excited to get EOS on site, and we've already had tremendous success with the quality of images we're getting," says Martin McLean, manager of Imaging Services at Gillette. "Traditionally, getting great images always came with the trade-off of more radiation, but that's not the case with EOS. EOS captures the body area in a single scan, and this accuracy of the imaging allows our staff to tailor treatment to the unique circumstances of each patient, all with less radiation. It's a win-win."

Gillette is the only hospital in the Twin Cities to offer EOS imaging, and the only hospital in the state of Minnesota to offer it specifically for children.

If you have questions regarding EOS or Imaging Services at Gillette, contact Martin McLean at MMcLean@gillettechildrens.com.



Ruth Barta, MD, recently assumed a role pediatric craniofacial and plastic surgeon at Gillette Children's Specialty Healthcare.

"Something I really enjoy about working in pediatrics is that you can change the course of a child's life before they are even aware of it, and one of the beauties of working in plastics is that we restore both form and function. I strive to provide my patients the quality of care that I would give my own family members. I believe that good communication and understanding at every interaction along the way is as important to the final outcome as the surgery itself."



Partners in Care Journal
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Direct comments
and questions to
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Gillette Children's Specialty
Healthcare provides specialized
health care for people who
have short-term or long-term
disabilities that began during
childhood. We help children,
adults and their families improve
their health, achieve greater
well-being and enjoy life.

To refer a patient,
call 651-325-2200
855-325-2200 (toll-free)
gillettechildrens.org

EDUCATION AND EVENTS FOR PROVIDERS

Partners in Care Webinar Series



Thursday, September 12, 2019

Noon

Danielle Harding, PA

*Evaluation and Treatment of
Back Pain in the Young Child*



Wednesday, November 13, 2019

Noon

Cathleen Rock, NP & Heather Naylor, NP
Seizure Recognition and First Aid Management



Medical Conferences

Thursday, June 20, 2019

9 a.m. - 5:30 p.m.

317 on Rice Park Event Center

Transforming Care and Experience for Children with Health Complexity

Visit the website to register
gillettechildrens.org/cme