



ChristianaCare Outpatient Magnetic Resonance Imaging (MRI) Machines

Certificate of Public Review
Delaware Health Resources Board Proposal

June 25, 2026

About ChristianaCare

ChristianaCare is a nonprofit academic health system serving Delaware, Maryland, Pennsylvania and New Jersey, and Delaware's largest private employer.

Nationally Recognized Care

Delaware's No. 1 hospital for quality, with Magnet recognition for nursing excellence.

Comprehensive Acute Care

Four hospitals, Level I trauma care and regional centers of excellence in cancer, heart and neuroscience.

Advanced Services

Accredited, expert MRI care statewide

**Nearly 15,000
employees**

**\$232M in community
benefit spending**



ChristianaCare MRI Services and Capabilities

- American College of Radiology (ACR)-accredited imaging program.
- MRI studies interpreted by American Board of Radiology (ABR)-certified physicians.
- Imaging performed by American Registry of Radiologic Technologists (ARRT)-registered technologists.
- Comprehensive inpatient and outpatient MRI services.
- Eight outpatient imaging locations across Delaware, offering convenient access and advanced technology.
- Specialized, advanced MRI studies.

Our Proposal: Expand Outpatient MRI Capacity

Four MRIs machines to better serve patients in Newark, Smyrna and Wilmington at our outpatient imaging facilities:

- 3T MRI at Helen F. Graham Cancer Center & Research Institute Radiology Department.
- 1.5T MRI at ChristianaCare Imaging Services at Springside Plaza.
- 3T MRI at ChristianaCare Imaging Services at Smyrna Health and Wellness Center.
- 1.5T MRI at ChristianaCare Imaging Services at Foulkstone Plaza.

Improved access to MRI imaging services in the community:

- Deliver high-quality, personalized care through more accurate diagnosis and treatment planning.
- Accelerate treatment planning for cancer, cardiovascular disease, neurological disorders, and other conditions.
- Expand access through flexible scheduling.
- Reserve dedicated MRIs that do not compete with urgent inpatient needs.
- Schedule outpatient MRI appointments for patients after discharge when follow-up imaging is needed.

Benefits of MRI Imaging



MRI provides a precise and comprehensive view of anatomy

to support accurate diagnosis and individualized treatment planning.



Enables earlier and more accurate disease detection,

including precise staging to guide clinical decision making.



Reduces unnecessary procedures

by improving diagnostic confidence and accuracy.



Supports effective treatment monitoring,

helping providers avoid ineffective therapies and associated patient costs.



May reduce hospital visits

by enabling faster, more informed diagnosis and treatment decisions.

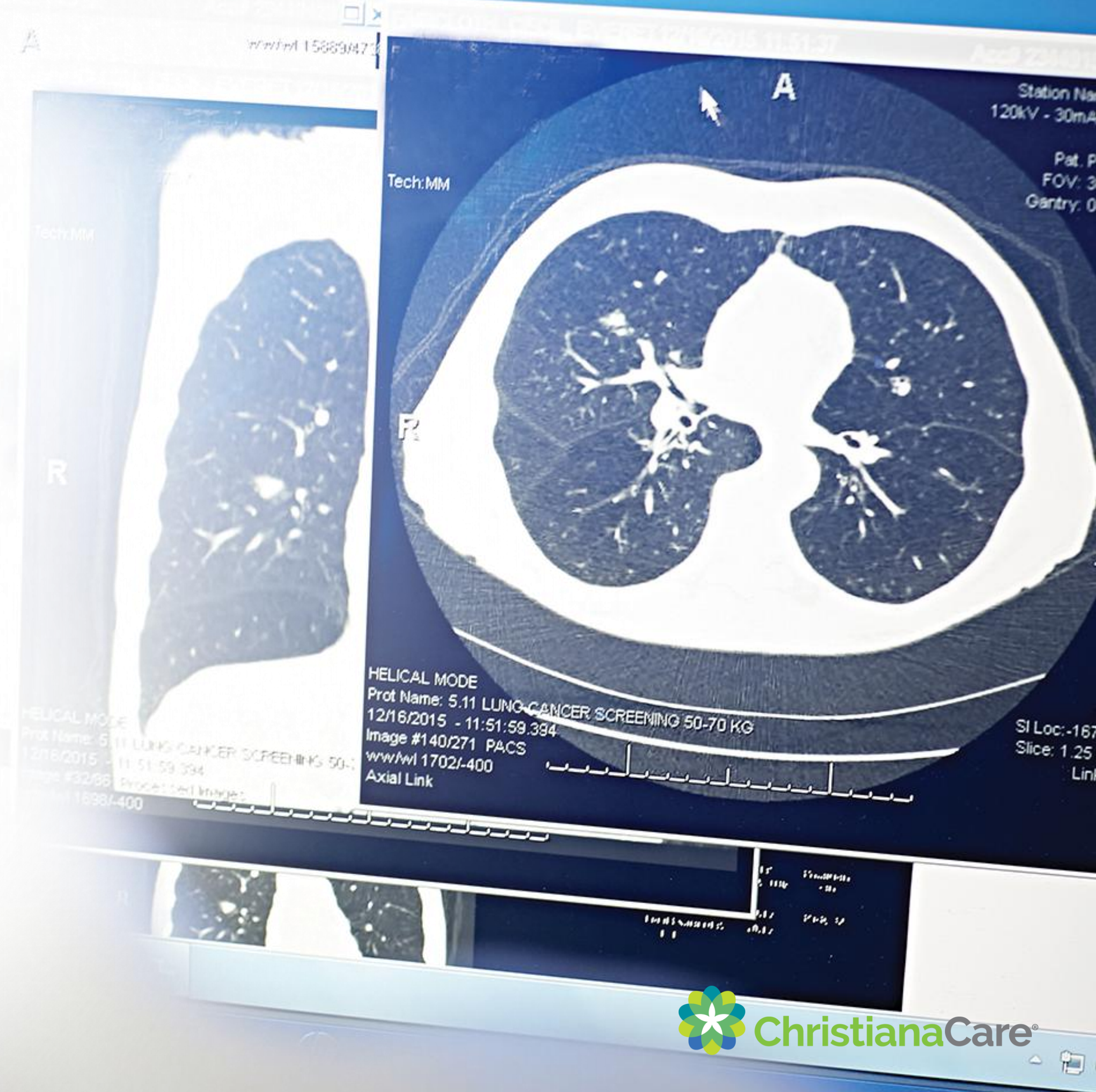
Demonstrated Need for Expanded Outpatient MRI Capacity

- Demand for outpatient MRI services in Delaware is **already increasing and will continue to accelerate**, driven by both demographic shifts and rising clinical complexity.
- Delaware's aging population is a **primary driver of MRI utilization**, as older adults experience higher rates of cancer, cardiovascular disease, neurological disorders and musculoskeletal conditions that rely on MRI for accurate diagnosis, treatment planning and ongoing monitoring.
- Adults age 65+ currently account for approximately **20% of Delaware's population** and are projected to represent **nearly 35% by 2050** (2024 Delaware State Plan on Aging).
- By 2030, Delaware's 65+ population is projected to **grow by 18%**, further intensifying demand for outpatient diagnostic imaging services (Delaware Population Consortium, October 2024).
- MRI utilization in Delaware is forecasted to increase **3.6% within five years and 8.5% within ten years**, underscoring the need to expand outpatient capacity now to prevent longer wait times, delayed diagnoses, and reduced access to care (Advisory Board Market Analytics).



Outpatient MRI: Current State

- Outpatient MRI imaging volume has increased by **24% over the past 12 months.**
- Available outpatient MRI appointments are currently scheduled **25–60 days out**, limiting timely access to care.
- Only **one 3T MRI** is available systemwide and is shared between inpatient and outpatient imaging, including cancer-related studies.
- Current wait times for outpatient prostate cancer MRI exams **exceed 45 days.**
- **13,165 MRI scans** were performed by ChristianaCare for patients residing in Delaware between July 2024 and June 2025.
- **1,733 unique ordering providers** referred patients for outpatient MRI studies at ChristianaCare imaging locations across Delaware.

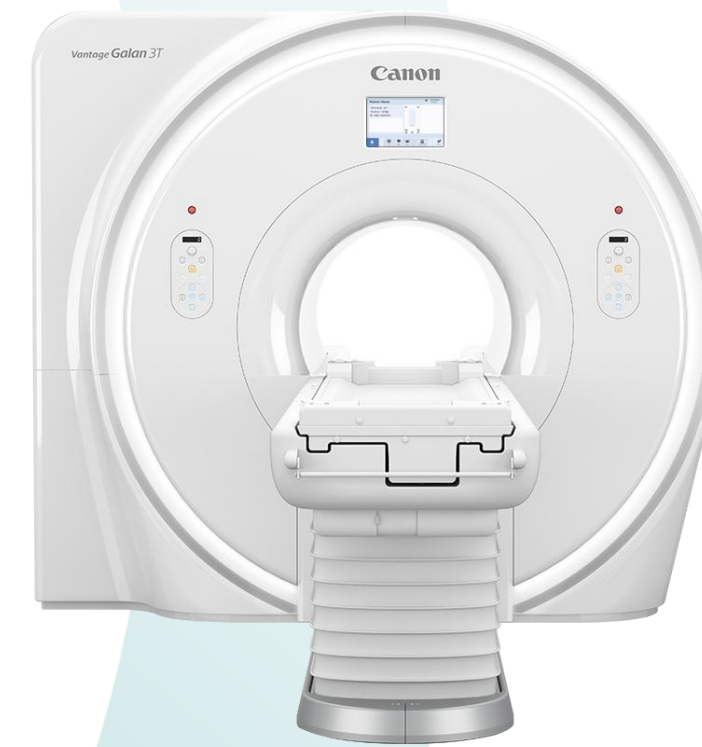


New MRI Units Increase Overall Capacity by 47% The First Year

The addition of four outpatient MRI units will expand system capacity, reduce wait times and improve timely access to diagnostic care across Delaware.

Outpatient Imaging Locations	Year 1 Projected Volume (47% increase)	Year 2 Projected Volume (60% increase)	Year 3 Projected Volume (65% increase)
3T MRI at Helen F. Graham Cancer Center & Research Institute	2,500	3,750	4,000
3T MRI Smyrna Health and Wellness Center	1,250	1,375	1,512
1.5T MRI at Foulkstone Plaza	1,250	1,375	1,512
1.5T MRI at Springside Plaza	1,250	1,438	1,653
TOTAL	6,250	7,938	8,677

Advanced MRI Technology Supporting Patient Comfort and Clinical Excellence



Canon Vantage
Galan Supreme 3T

- **State-of-the-art MRI systems** designed to enhance patient comfort and imaging quality
- **Patient-centered design features**, including noise reduction, to improve the scan experience
- **Energy-efficient, space-conscious technology** that supports long-term operational sustainability
- **Durable platforms** with an expected productive life of approximately 15 years

Siemens Healthineers MAGNETOM
Altea w/ BioMatrix 1.5T



Canon Vantage
Fortian 1.5T

Effect on Health Care Costs and Charges

- Charges for outpatient MRI services will **remain unchanged.**
- ChristianaCare's **Patient Financial Assistance Policy** will continue to be available to all patients who require outpatient MRI imaging and meet eligibility criteria.
- Expanding outpatient **MRI capacity will support earlier diagnosis and timely treatment planning**, particularly for seniors experiencing rising rates of cancer, cardiovascular disease, neurological disorders, musculoskeletal conditions and other chronic illnesses.



Expected Costs and Financial Impact

Capital investment is \$12.5M,
to be funded through cash reserves.

- Investment includes four outpatient MRI units for outpatient imaging locations
 - Two 3T Canon Vantage Galan Supreme MRIs
 - One 1.5T Canon Vantage Fortian MRI
 - One 1.5T Siemens Healthineers MAGNETOM Altea w/ BioMatrix MRI
- Minor renovations will be required at each location to accommodate MRI installation.
- The outpatient MRI scanners are expected to **be financially self-sustaining**.
- While not quantified, health care cost savings are anticipated through earlier disease detection and reduced reliance on higher-cost interventions.
- Implementation will require 10.8 net new full-time equivalent positions (FTEs).

\$5.6M Construction
& Renovation

\$6.9M Equipment

\$12.5M TOTAL

Schedule of Implementation for Four MRI Machines

Pending approval of Certificate of Public Review application

Target “go-live” dates:

Helen F. Graham Cancer Center & Research Institute	Q2 2026*
Springside Plaza	Between Q3 - Q4 2026*
Smyrna Health and Wellness Center	Between Q3 - Q4 2026*
Foulkstone Plaza	Between Q3 - Q4 2026*

**Conditional upon approval of COPR*

Thank you.

