

Time of Flight, Digital PET-CT powered by AI

The expectations of Digital TOF PET-CT are to see measurable improvements in System Utilization and Clinical or Operational benefits for your healthcare facility and nuclear medicine department. Canon Medical believes Cartesion Prime SP and its unique design can quite possibly make those expectations a reality.

Enhance your system utilization and operational efficiencies

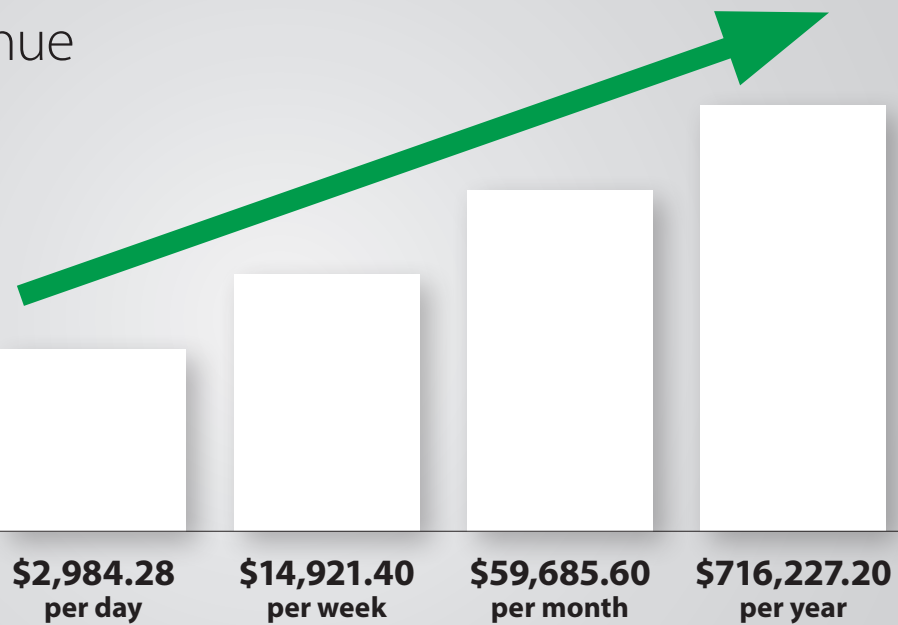
Cartesion Prime SP, Digital PET-CT

- AI enabled with AiCE, deep learning reconstruction on PET and CT images
- Balanced PET TOF detector designed for PET performance and with unique air-cooled technology
- Premium CT and PET technology ready for today's and tomorrow's clinical needs

Growth in Revenue

**Payment per PET scan:
\$1,492.14¹**

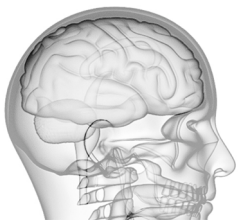
**Adding
2 more patients
per day²:**



New Clinical Utilization Opportunities

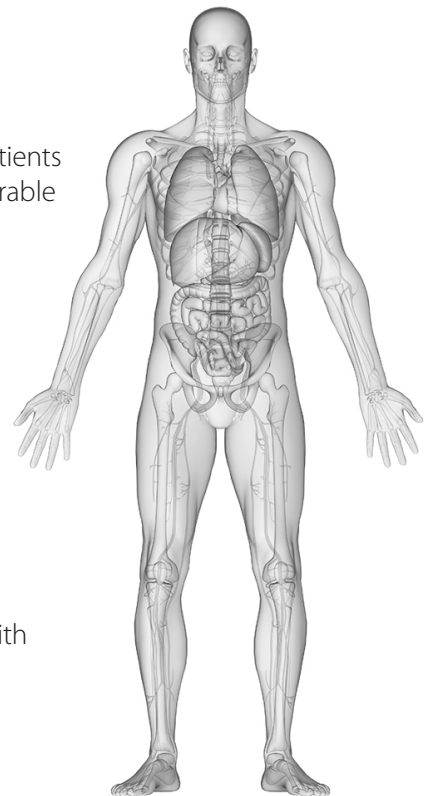
Prostate PET imaging

- PSMA, Prostate-Specific Membrane Antigen, PET isotope indicated for use in patients with suspected prostate cancer metastasis or recurrence who are potentially curable by surgery or radiation therapy.
- Over 200,000³ cases of Prostate cancer per year are diagnosed in the U.S.



Neuro PET imaging

- Dementia and/or amyloid plaques are hallmarks of Alzheimer's disease.⁴
- More than 6,000,000⁴ Americans, most of them age 65 or older, may have dementia caused by Alzheimer's.



Breast PET imaging

- Cerianna™ (F18-fluoroestradiol), new PET isotope indicated for use in patients with recurrent or metastatic breast cancer.
- About 276,480⁵ new cases of invasive breast cancer will be diagnosed in 2020.

¹ Based on 2024 Medicare National Payment Rate for PET-CT

² Patient throughput is based on a variety of factors. There is no guarantee that an additional rate of two patients a day will be achieved as a result of the features listed.

³ cdc.gov

⁴ Alz.org

⁵ cancer.org

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