

# Market Report for PET Imaging in the USA

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## Abstracts

### Market Report for PET Imaging in the USA

This report provides information on the current Positron Emission Tomography (PET) scanner and cyclotron install base in the USA market. Along with the current known number of PET scanners and cyclotrons in the USA, the report also contains a detailed breakdown of this equipment by year of installation, manufacturer, model, specific location and current utilization. The future market utility for the PET scanner and cyclotron market is also estimated to the year 2020.

PET as a modality was introduced into the US market in the early 1980s, but it was not until 1995 when a PET scanner was able to perform a whole body scan that the utility in oncology was realised. The appeal of PET imaging to radiologists and nuclear medics is its ability to provide metabolic information that can be overlaid with a structural CT scan. This makes it the standard of care for staging any patient that has been diagnosed with cancer. This adoption of technology by clinicians has contributed to the establishment and continued growth in the USA in the number of PET scanners and cyclotrons producing the widely used 18F – FDG radiotracer.

Providing a value-added level of insight from the analysis team at Black Swan, an introduction on PET imaging is given, as well as information on:

The utilization of PET and the development of the PET modality over time in the USA market

Current USA healthcare system and reimbursement for PET imaging

Market evolution and future developments

This report is built using a combination of data and information sourced from the expertise within the Black Swan Analysis team, customer surveys, equipment manufacturer surveys and an audit of FDA approved PET scanners and F18 radio-isotope cyclotron manufacturing sites.

## **Reason to buy**

A helpful aid in gauging the imaging capacity for future treatments, such as in the case of Alzheimer's disease, where patients will require a PET scan prior to the start of treatment

Deliver a realistic study sizing plan for any clinical trial that requires patients to have a PET scan prior to treatment

Gain an understanding of the current players in the PET scanner and cyclotron markets

Gain further insight into the evolution of PET scanners and cyclotrons over time

Provide a level of understanding on current National PET scanner provision and the potential headroom and market capacity for future utilization

Identify specific locations in the USA that currently has a PET scanner or cyclotron

Delivery of detailed information on year of installation, manufacturer and model type of specific PET scanners and cyclotrons

Insight into the different therapeutic areas, such as oncology, that utilize PET scanners

Information regarding the development of new tracers and future PET technology

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