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Veterinary Imaging Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2025 - 2034

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Abstracts

The Global Veterinary Imaging Market reached USD 2.1 billion in 2024 and is projected to witness a steady CAGR of 6.6% from 2025 to 2034. The increasing incidence of animal diseases and the rising preference for accurate, non-invasive diagnostics in animal healthcare are driving significant growth in this market. With veterinary care becoming more advanced, imaging systems are emerging as essential tools for early disease detection and treatment planning. Innovations in imaging modalities such as digital radiography, ultrasound, computed tomography (CT), and magnetic resonance imaging (MRI) have enhanced the precision and speed of diagnostics, allowing veterinarians to identify issues with greater accuracy and initiate timely interventions. Pet owners, especially in more developed regions, are increasingly inclined toward offering their animals the same level of care expected in human medicine, boosting the demand for veterinary imaging technologies.

Growing investments in animal healthcare infrastructure and heightened awareness around diagnostic technologies are also contributing to the market's upward trajectory. Imaging systems are playing a critical role in veterinary research and training institutions as well, further supporting their integration into mainstream veterinary practices. The expanding application of imaging tools for the early identification of conditions like tumors and musculoskeletal disorders is solidifying their role in modern veterinary care. In essence, veterinary imaging is becoming indispensable for offering high-quality care, and its growing significance is reflected in the increasing adoption rates worldwide.

The market, based on product segmentation, includes veterinary imaging instruments, software, and reagents. Among these, veterinary imaging instruments held the dominant share, valued at USD 1.2 billion in 2024. This segment includes a variety of

technologies, such as radiography systems, ultrasound systems, CT scanners, MRI machines, video endoscopy units, nuclear imaging devices, and other imaging platforms. These systems are being increasingly adopted across veterinary clinics to diagnose a wide range of health conditions. Rising awareness around early disease detection, combined with advances that allow higher-resolution imaging and faster processing times, is accelerating the integration of these tools into daily veterinary operations. The growth in pet adoption, the surge in veterinary clinic openings, and the heightened emphasis on animal health are further elevating the demand for imaging instruments.

When examined by animal type, the market is categorized into small companion animals, large animals, and others. The small companion animals segment led the global market in 2024 with a 49% share. This category includes animals such as dogs and cats, which are experiencing a notable rise in population, particularly in urban households. With growing attention to pet health and increased access to veterinary services, pet owners are spending more on medical diagnostics and treatments. Additionally, the expansion of pet insurance coverage is enabling higher veterinary expenditure, supporting sustained growth in this segment through the forecast period.

In terms of application, the market is segmented into orthopedics and traumatology, oncology, cardiology, neurology, and others. The orthopedics and traumatology segment stood out as the leading application area, and it is expected to generate USD 1.4 billion by 2034. The increasing need for precise diagnostic imaging for injuries and musculoskeletal disorders is fueling demand in this segment. Technologies such as X-rays, MRI, and CT scans are extensively used to evaluate conditions involving bones, joints, and ligaments. The ability to deliver clear, detailed visuals supports accurate diagnoses and aids in planning effective treatments, which is a key factor behind the strong market share of this segment. Additionally, the shift toward minimally invasive treatments is encouraging the adoption of advanced imaging solutions.

Based on end use, the market includes veterinary hospitals and clinics, diagnostic imaging centers, and other settings. Veterinary hospitals and clinics accounted for the largest market share in 2024 and are anticipated to grow at a CAGR of 6.4% through 2034. These facilities have more resources to invest in imaging systems and are typically the first to adopt new technologies. Government initiatives supporting the development of modern healthcare infrastructure are also enhancing access to advanced veterinary services. Hospitals and clinics are increasingly integrating high-end diagnostic tools into their services to deliver better outcomes and elevate the quality of care, fueling market growth in this segment.

The U.S. veterinary imaging market alone reached USD 818 million in 2024, holding a major share of the global market. This growth is driven by a well-developed healthcare framework, high demand for advanced veterinary diagnostics, and a strong presence of leading market players. The rise in pet ownership and the adoption of high-tech diagnostic solutions across veterinary practices are strengthening the country's position in the global landscape. Greater awareness of pet health and a growing focus on early disease diagnosis continue to support the expansion of imaging technologies in the U.S.

Prominent companies in this competitive market include Agfa-Gevaert Group, BCF, Canon Medical Systems Corporation, Carestream Health, Epica International, Esaote, E.I. Medical Imaging, Fujifilm Holdings Corporation, GE Healthcare, Heska Corporation, IDEXX Laboratories, IMV imaging, Konica Minolta, Shenzhen Mindray Animal Medical Technology, and Siemens Healthineers. These companies are innovating across product lines, integrating AI technologies, and focusing on developing portable and efficient imaging devices. Strategic partnerships and expansions into new geographies are also helping them strengthen their global market presence.

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CHAPTER 10 COMPANY PROFILES

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