

Market Analysis

Market Analysis Content for Pathology Congress 2020

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Introduction:

Pathology deals with study of the diseases by examining the body tissues sample (e.g. biopsies/pap smears) and body fluids (e.g. blood/urine etc.). Pathology includes every aspect of the patients care, starting from diagnostics to treatment advices and prevention. Pathologists work with physicians, scientists, nurses and healthcare professionals in hospitals to diagnose, prevent and treat diseases. Pathology comprises more than 20 different disciplines starting from general disciplines like cytopathology, histopathology, chemical pathology, anatomical pathology, medical microbiology to more advanced digital pathology.

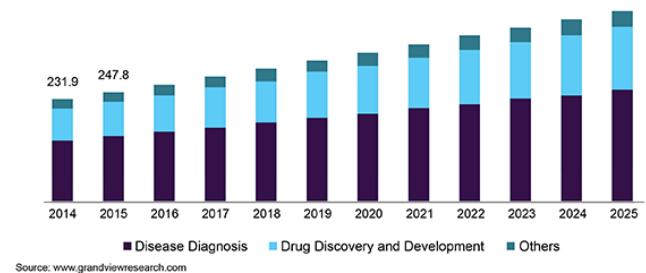
Scope of Pathology conference:

Pathology is a clinical information benefit that is key to current therapeutic practice and human facilities. Pathology is utilized as a part of the study, treatment and administration of an growing scope of clinical conditions. Pathology includes the investigation of the harming effect of ailment on cells and tissues and the route in which the body looks to secure and repair itself. The pathology segment is a part of the worldwide pharmaceutical industry. Pathology administrations lie at the heart of social insurance administrations gave to patients and the group. They support the quality and cost adequacy of social insurance.

Business value of Pathology

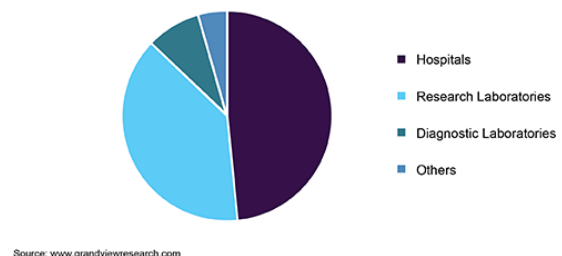
The global anatomic pathology market size was estimated at USD 15.4 billion in 2018 and is expected to register a CAGR of 6.1% over the forecast period. Increase in clinical use of biomarkers enables pathologists to determine disease pathogenesis at a molecular level and guides in clinical decision-making, thereby improving patient outcomes. Growing reliance on biomarkers-based pathology tests and procedures to explore common malignancy and tumorigenesis is driving the market. High usage of advanced pathology equipment such as staining systems, gross imaging, and digital microscopes is poised to improve anatomic pathological practices to a major extent. Digital imaging solutions offer specificity and accuracy-related benefits over conventional techniques, which in turn, boosts the service uptake rate in the overall market.

Brazil anatomic pathology market size, by application, 2014 - 2025 (USD Million)



Companies are undertaking continuous efforts for the development of advanced and upgraded pathology equipment with respect to their design and ease of use. Moreover, there have been several partnership and agreement ventures among key companies for the introduction of an effective portfolio in order to circumvent challenges pertaining to disease management. For instance, in October 2018, Sakura Finetek USA partnered with Laboratory Medicine and Henry Ford Health System Pathology to advance the automation level of its anatomic pathology laboratories. The incorporation of automation in labs optimizes anatomical pathology workflows by minimizing errors and turnaround time, and also offers high productivity. The significant number of pathology-training programs by government authorities aim to increase awareness about technological and legal issues prevalent in anatomic pathology. These training modules also emphasize on the theoretical knowledge of trainees, consequently addressing the market challenge of the dearth of skilled professionals.

Global anatomic pathology market share, by end use, 2018 (%)



Hospitals dominated the market with respect to revenue in 2018 owing to high hospitalization rate of cancer patients, coupled with a substantial number of frequent readmissions in hospitals. Moreover, presence of well-developed infrastructure as well as well-trained staff in hospital-based pathological laboratories stimulates the progression of the hospital segment. The segment is also expected to benefit from increasing number of initiatives undertaken by public and private agencies to promote advanced healthcare systems. The emergence of advanced testing techniques and equipment has led to lucrative growth opportunities in the diagnostic laboratories segment. Similarly, a large number of clinical trials through various ongoing projects has spurred the progression of the research laboratories segment. Research laboratories are engaged in offering rapid and comprehensive information about the functioning of diseased tissues, with an overall objective of achieving a high degree of patient satisfaction. North America accounted for the largest

revenue share in 2018 due to the presence of major players and supportive government initiatives pertaining to training pathological programs. Rising implementation of tissue-diagnostic related procedures in disease screening owing to favorable reimbursement policies in U.S. facilitates regional market growth. Spiraling demand for advanced imaging modalities, increase in better patient care facilities, and several pathology laboratories franchising their presence fuels the Asia Pacific market. Presence of public agencies, such as Pathology Branch of the Chinese Medical Association in China aimed at assisting pathology projects, also contribute to regional growth.

List of global universities of Pathology :

- University of Sheffield, UK
- University of Technology Sydney - UTS, Australia
- University of Liverpool, UK
- Flinders University, Australia
- University of Canterbury, New Zealand
- Trinity College Dublin, Ireland
- University of Delaware, USA
- University of Alberta, Canada
- The University of Alabama, USA
- Trinity College Dublin, Ireland
- The Royal College of Pathologists, UK

List of Pathology universities in Europe :

- Uppsala University, Sweden
- University of Pennsylvania, France
- Technical University of Munich, Germany
- Heidelberg University, Germany
- Trinity College Dublin, Ireland
- Uppsala University, Sweden
- University of Nottingham, UK

Societies and Associations in World:

- Florida Society of Pathologists, USA
- British Society of Veterinary Pathology, United Kingdom
- Japanese Society of Pathology, Japan
- Memorial University Anatomical Pathology, Canada
- Los Angeles Society of Pathologists, USA
- The International Society of Neuropathology, United Kingdom
- New York Society of Pathologists, USA

Societies and Associations in Europe:

- The Pathological Society of Great Britain & Ireland, UK
- European Society of Pathology, Netherlands
- Austrian Society of Pathology, Austria
- Belgian Society of Pathology, Belgium
- Czech Society of Pathology, Czech Republic
- Danish Pathology Society, Denmark
- Polish Society of Pathology, Portugal

Research Centers Associated with Pathology worldwide:

- Biomedical Primate Research Center (BPRC), Netherlands
- American Hospital of Paris, France
- Singapore General Hospital Pathology Building, Singapore
- UCLA Center for Pathology Research Services, USA
- Research Institute of Molecular Pathology, Austria
- Singapore Clinical Research Institute (SCRI), Singapore
- Research Pharmaceutical Services, Clinical Trials Centre, the University of Hong Kong, Hong Kong

• Research Centers Associated with Pathology in Europe :

- Biomedical Primate Research Center (BPRC), Netherlands
- American Hospital of Paris, France
- Research Institute of Molecular Pathology, Austria
- Wageningen University & Research, Netherlands
- Croatian Veterinary Institute Zagreb, Croatia
- Biological Research Centre, Hungary

Hospitals of Pathology worldwide :

- The University of Tokyo Hospital, Japan
- Broussais University Hospital, France
- ReasrBiologio, Netherlands
- Agia Eleni Spiliopouleio Pathology Hospital of Athens, Greece
- Dr. Horacio E. Oduber Hospital, USA
- Royal Bournemouth and Christchurch Hospitals NHS Foundation Trust : Pathology, UK
- Hygeia Hospital, Greece
- Cheltenham General Hospital Pathology Department, UK

Hospitals of Pathology in Europe :

- Municipal Hospital Karlsruhe gGmbH Institute of Pathology, Germany
- Broussais University Hospital, France
- ReasrBiologio, Netherlands
- Hospital Sant Joan de Déu Barcelona, Spain
- Agia Eleni Spiliopouleio Pathology Hospital of Athens, Greece
- University Hospital Heidelberg, Germany
- Children's Memorial Health Institute, Spain

Funding

According to the report, the global digital pathology market was valued at US\$ 340 Mn in 2017, and it is expected to expand at a CAGR of more than 12% from 2018 to 2026. Increase in installation of digital systems and workload of pathologists is projected to effort the global market during the forecast period. North America and Europe are predicted to dominate the global digital pathology market in the next few years owing to the rise in prevalence of cancer, improvement in technology, and increase in elderly population in these regions. The digital pathology market in Asia Pacific is expected to increase at a rapid pace from 2018 to 2026. This is accredited to the



increase in prevalence of cancer and rise in awareness about healthcare IT and its application in developed countries such as Japan and Australia. The market in Asia Pacific is likely to expand at a CAGR of more than 13% from 2018 to 2026.

Forecast for next 5 years:

Transparency Market Research (TMR) has announced the release of a new market research report. The report, titled 'Digital Pathology Systems Market – Global Industry Analysis, Size, Segment, Growth, Trends and Forecast, 2014 – 2020', delivers detailed data regarding the global digital pathology market. The report is available on TMR's website for sale. The report states that the global digital pathology market was worth close to US\$229 million in 2013 and will grow to be worth US\$492.8 million by 2020, expanding at a CAGR of over 11% therein. The report details the historical data regarding the digital pathology market and lists category-wise statistics. Based on the same, forecasts are then presented for the market's growth during the forecast period 2014-2020. The report banks on primary and secondary research to collect the relevant data and employs crucial analytical tools such as market attractiveness analysis, SWOT analysis, and Porter's five forces analysis to examine the digital pathology market from various aspects.

Conclusion :

[Pathology](#) meeting will bid principles to another strategy for acquainting recent information on pathology with members with the objective that the results arrangement can give an investigation office yield and in addition a critical instrument to be shared among patients and clinicians. An authoritative point is to manufacture determined appreciation and organization of their disease, which would provoke better prosperity and higher life want for the patients and furthermore diminished cost managing the ailment. At the conclusion of the gathering, members ought to have the capacity to all the more likely comprehend the [pathophysiology](#) and clinical parts of the major of the major neurotic maladies and issues, with accentuation on clinical-pathologic co-relations and part of obsessive biopsy.