TABLE OF CONTENT

HEALTHARK

TABLE OF CONTENT

INTRODUCTION

Technological advancements have been transforming the healthcare industry, and medical diagnostics is no exception. The integration of digital technologies has led to significant improvements in the accuracy, speed, and accessibility of diagnostic tools and procedures. From point-of-care testing to predictive and personalized diagnostics, the future of medical diagnostics is being shaped by technological trends that are revolutionizing the way healthcare is delivered. The use of artificial intelligence (AI), machine learning (ML), and big data analytics is enabling healthcare providers to make more informed decisions and provide better patient care.

Against the backdrop of a global healthcare landscape marked by challenges and opportunities, recent events, such as the COVID-19 pandemic, have underscored the pivotal role of diagnostics in public health. The ensuing urgency and demand for rapid, scalable, and accurate diagnostic solutions have accelerated the adoption of novel technologies, paving the way for a resilient and adaptable diagnostic ecosystem.

In this article, we will explore the latest technological trends in medical diagnostics and their potential impact on the future of healthcare. We will examine the use of digital technologies in medical diagnostics and the most recent diagnostic trends that are shaping the future of healthcare.

EVOLUTION OF MEDICAL DIAGNOSTICS

Imperative for accurate, timely, and personalized diagnostics has never been more pronounced. The integration of cutting-edge technologies are catalyzing a paradigm shift in how we approach healthcare. Following are the trends which led evolution of Medical diagnostics:

Technological Progress

Diagnostics industry has undergone substantial technological advancements in the past decade, with the introduction of innovative diagnostic products and services. Digital infrastructure integration and adoption of digital diagnostic technologies are crucial for the industry's future

Impact of Global Events

COVID-19 pandemic has influenced diagnostics industry, causing disruptions in business operations and unexpected shifts in product demand. It has underscored the industry's essential role, prompting heightened emphasis on safety measures and integration of new technologies

Rise in Health Awareness

Growing health awareness & wellbeing programs have fueled an increased demand for diagnostic services. General population's proactive approach to health management has resulted in a global rise in the number of labs and diagnostic facilities

Market Dynamics

Diagnostics industry has transformed with new players and competitive service rates, accompanied by surge in pathological labs, making diagnostic procedures more budget-friendly and accessible, marking a positive shift in affordability

CLASSIFICATION OF MEDICAL DIAGNOSTICS

Medical diagnostics can be classified in several ways, each providing a unique perspective on the process of identifying and differentiating diseases and health conditions.
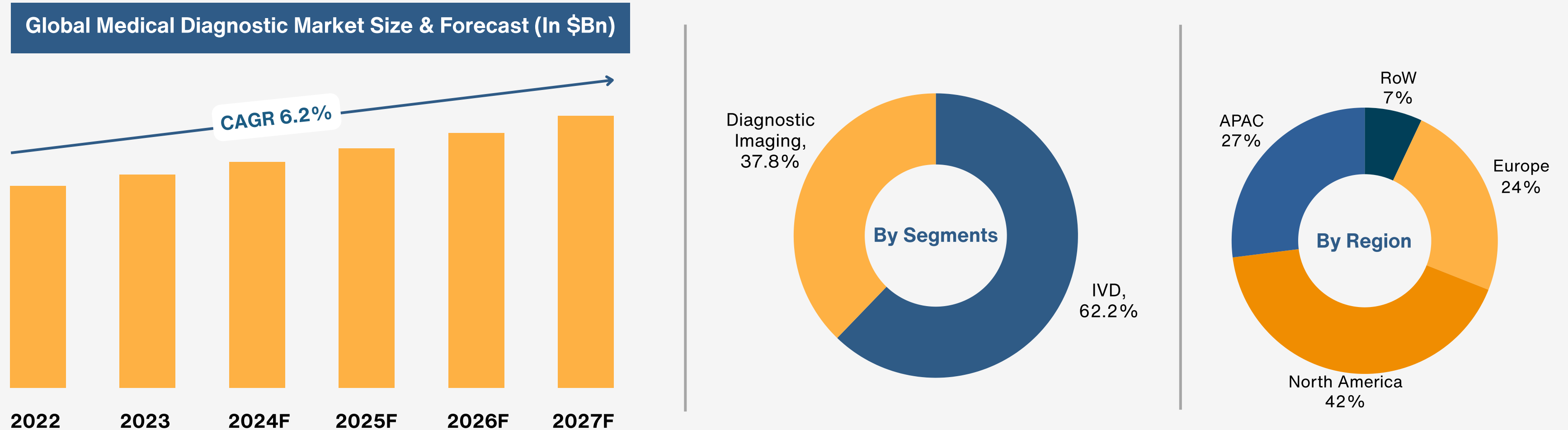
Category	Tests	Examples
Based on Invasiveness	Invasive Tests	Blood Tests, Imaging (X-rays, CT Scans, MRI), Endoscopies, Colonoscopies, Mammograms, Joint Aspirations
	In Vitro Tests (IVD)	Electrocardiograms, Blood Pressure Monitoring, Pulse Oximetry, Ultrasound, Electrophysiologic Activity Monitoring
Based on Type of Tests	Laboratory Tests	Blood Tests, Urine Tests, Stool Tests, Hormone Tests
	Imaging Tests	X-rays, CT Scans, MRI, Ultrasound, PET Scans
	Genetic Tests	Genetic Mutation Tests, Marker Tests, Predisposition Tests
	Diagnostic Procedures	Colonoscopies, Mammograms, Joint Aspirations, Endoscopies
	Laboratory Tests	Blood Tests, Urine Tests, Stool Tests, Hormone Tests
Based on Type of Device Used	Imaging Devices	X-Ray, MRI, Ultrasound, CT Scanners
	Laboratory Instruments	Blood Analyzers, Microscopes, Molecular Diagnostics tools
	Monitoring Devices	ECG, BP Monitors, Continuous Glucose Monitors

In recent years, advancements in digital technologies have led to the development of **new diagnostic tools and methods**, such as **point-of-care testing, predictive diagnostics, remote diagnostics and personalized medicine.** These technologies have the potential to improve the accuracy, speed, and accessibility of diagnostic tests and procedures, ultimately shaping the future of healthcare.

Current Market
Scenario

HEALTHARK

MARKET SCENARIO OF MEDICAL DIAGNOSTICS

Global Medical Diagnostic Market Size & Forecast (In $Bn)

CAGR 6.2%

2022   2023   2024F   2025F   2026F   2027F

By Segments

Diagnostic Imaging, 37.8%

IVD, 62.2%

By Region

RoW 7%

APAC 27%

Europe 24%

North America 42%

- Global medical diagnostics market is growing significantly due to an aging population and the rising prevalence of chronic diseases along with public awareness, technological innovations, regulatory approvals, and the launch of new IVD instruments

- Medical diagnostics play a crucial role in hospital and laboratory tests, with point-of-care testing (POCT) methods, particularly for blood glucose and pregnancy testing, being widely used

- Diagnostic imaging techniques like X-ray, MRI, and CT scans have witnessed increased global demand, driven by the surge in COVID-19 cases

- IVD procedures are contributing to the overall growth of the medical diagnostics market. Anticipated expansion is expected due to the growing demand for early diagnosis of infectious and chronic disease

DRIVING FORCES FOR TECHNOLOGICAL ADOPTION IN MEDICAL DIAGNOSTICS

HEALTHARK

Description	Recent Updates
1. Miniaturization of Diagnostic Devices	
Miniaturization has potential to enhance portability, accessibility, and patient-centered design. It is driven by increasing demand for versatile and patient-friendly diagnostic solutions, the need for point-of-care testing and remote diagnostics, and the growing focus on home-based and personalized healthcare	Recently, Laura Health developed Miniaturized Diagnostic device that fit into patient's mouth to monitor biomarkers like pH levels of saliva and delivers real-time updates through mobile app to detect mouth and GI diseases
2. Conversion of Diagnostics into EMR	
EMR integration has potential to enhance patient care, outcome improvement and administrative burden reduction. It is driven by increasing adoption of digital health technologies, the need for seamless and integrated healthcare systems, and the growing focus on data-driven healthcare and use of predictive diagnostics	GE Healthcare is leveraging AI and data integration and connecting it with patient data for targeted therapies, disease specific focus and digital solutions to enhance patient care
3. AI assisted Medical Diagnostics	
AI systems, employing machine learning and advanced imaging, can enhance diagnostic precision by analyzing extensive medical data, reducing human errors. These systems swiftly and accurately identify various conditions, including cancer, cardiovascular diseases, and rare genetic disorders	Recently, Scientists of UK collaborated with NHS, GB Electronics and Vidiia to develop AI-assisted molecular diagnostic platform which identify variants of COVID-19 and other infectious diseases
4. Predictive & Personalized Diagnostics	
Predictive diagnostics has potential to revolutionize patient care, improve outcomes, and accelerate drug discovery. By leveraging data science and genetic information, predictive diagnostics enable early disease detection, personalized treatment plans, and more efficient drug discovery	Roche expanded its collaboration with Janssen Biotech to create personalized diagnostics for targeted therapies through multiple companion diagnostics technologies including immunochemistry, digital pathology, NGS, PCR etc.

CHALLENGES FOR TECHNOLOGICAL ADVANCEMENT IN DIAGNOSTICS

Regulatory Challenges

- Stringent regulatory processes and compliance requirements can impede rapid introduction of new diagnostic technologies to the market

- Lengthy approval timelines may hinder the timely availability of innovative diagnostic tools

Data Privacy & Security

- Increased reliance on digital technologies for diagnostics raises concerns about the privacy and security of patient data

- Ensuring robust cybersecurity measures is essential to prevent unauthorized access and data breaches

Interoperability Issues

- Lack of standardized protocols and interoperability between different diagnostic devices and information systems can hinder the seamless exchange of data

- This may lead to fragmented healthcare data and compromise the continuity of patient care
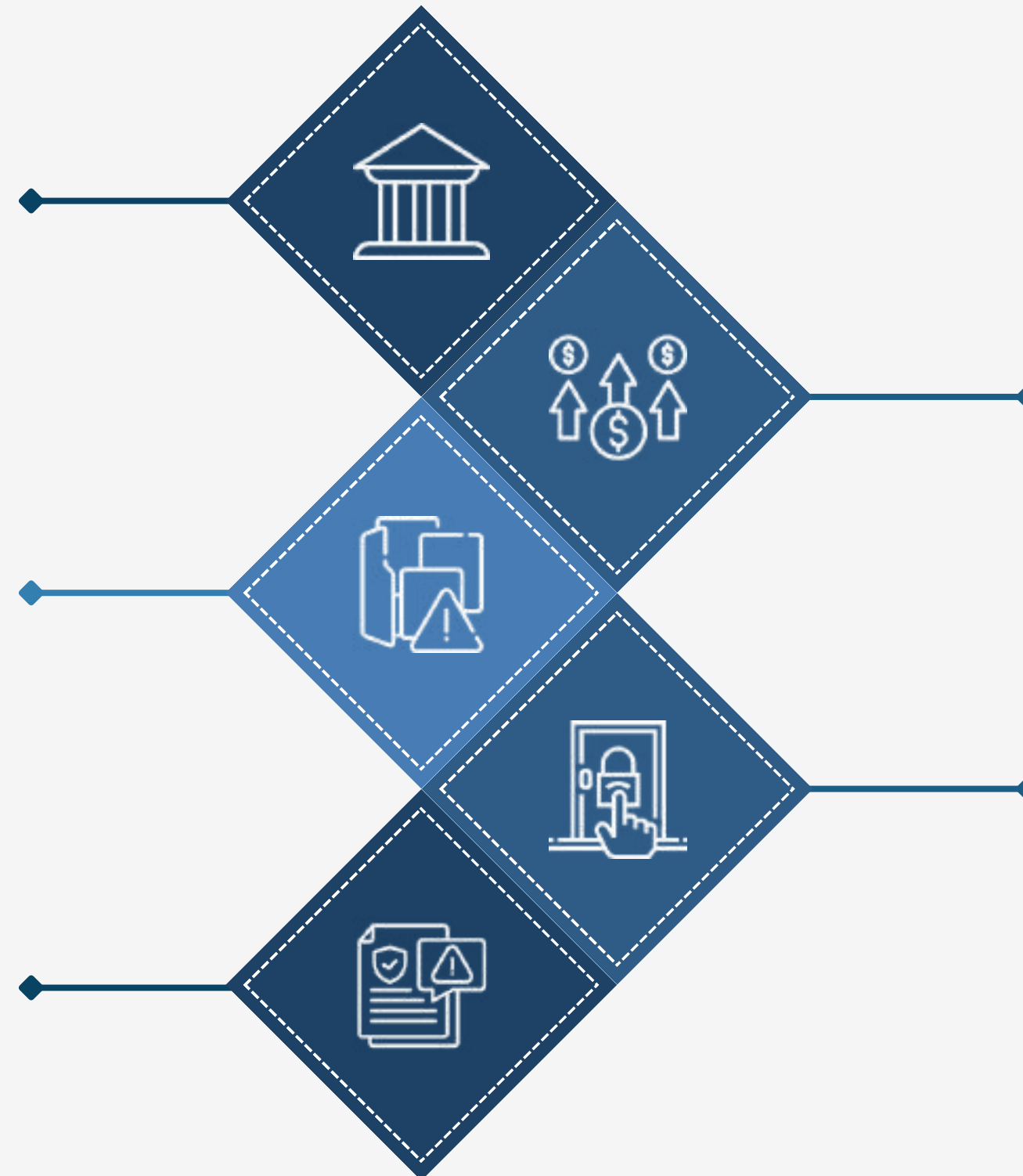
High Initial Costs

- Development and implementation of advanced diagnostic technologies often involve high initial costs

- This can be a barrier to adoption, particularly for smaller healthcare facilities with limited financial resources which may restrict the technological advances

Limited Accessibility

- While technology is advancing rapidly, ensuring equal access to diagnostic tools in remote or underserved areas remains a challenge

- Limited infrastructure and resources may hinder the widespread implementation of advanced diagnostic technologies

KEY PLAYERS IN MEDICAL DIAGNOSTICS SPACE

HEALTHARK

Diagnostic Industry is dominated by the top 5 players, accounting for ~40% of the market

Revenue (2022, in $Bn)		Recent Developments
Roche	19.2	Launched next gen. qPCR system to advance clinical needs in molecular diagnostics for cancer & infectious diseases (Nov'23)
GE	18.5	Showcased 40+ innovation including AI enabled tech. within imaging, ultrasound and digital space at RSNA (Nov'23)
SIEMENS	17.0	Presented prototype chat system loads, links & prepares appropriate answers, reports & images with GenAI at RSNA (Nov'23)
abbott	16.6	Launched new AI-enhanced vascular imaging technology in India which merges optical CT with AI (Oct'23)
DANAHER	10.9	Partnered with Oxford University to develop new precision test for sepsis (Nov'23)
labcorp	9.2	Completed acquisition of Legacy Health's lab business to expand its diagnostic capabilities and services (Nov'23)
PHILIPS Healthcare	6.7	Unveiled next gen. ultrasound, mobile MRI & AI enabled cloud solutions to enhance radiology efficiency at RSNA (Nov'23)
BD	5.6	Launched advanced ultrasound system designed to help clinician efficiency during catheters insertion (Nov'23)
ThermoFisher SCIENTIFIC	4.8	Signed companion diagnostic partnership with BI to develop test for small cell lung cancer with specific gene mutation (Nov'23)
FUJIFILM	4.6	Launched MRI system ECHELON Synergy with DLR technology powered by AI, to enhance the sharpness of images (Aug'23)

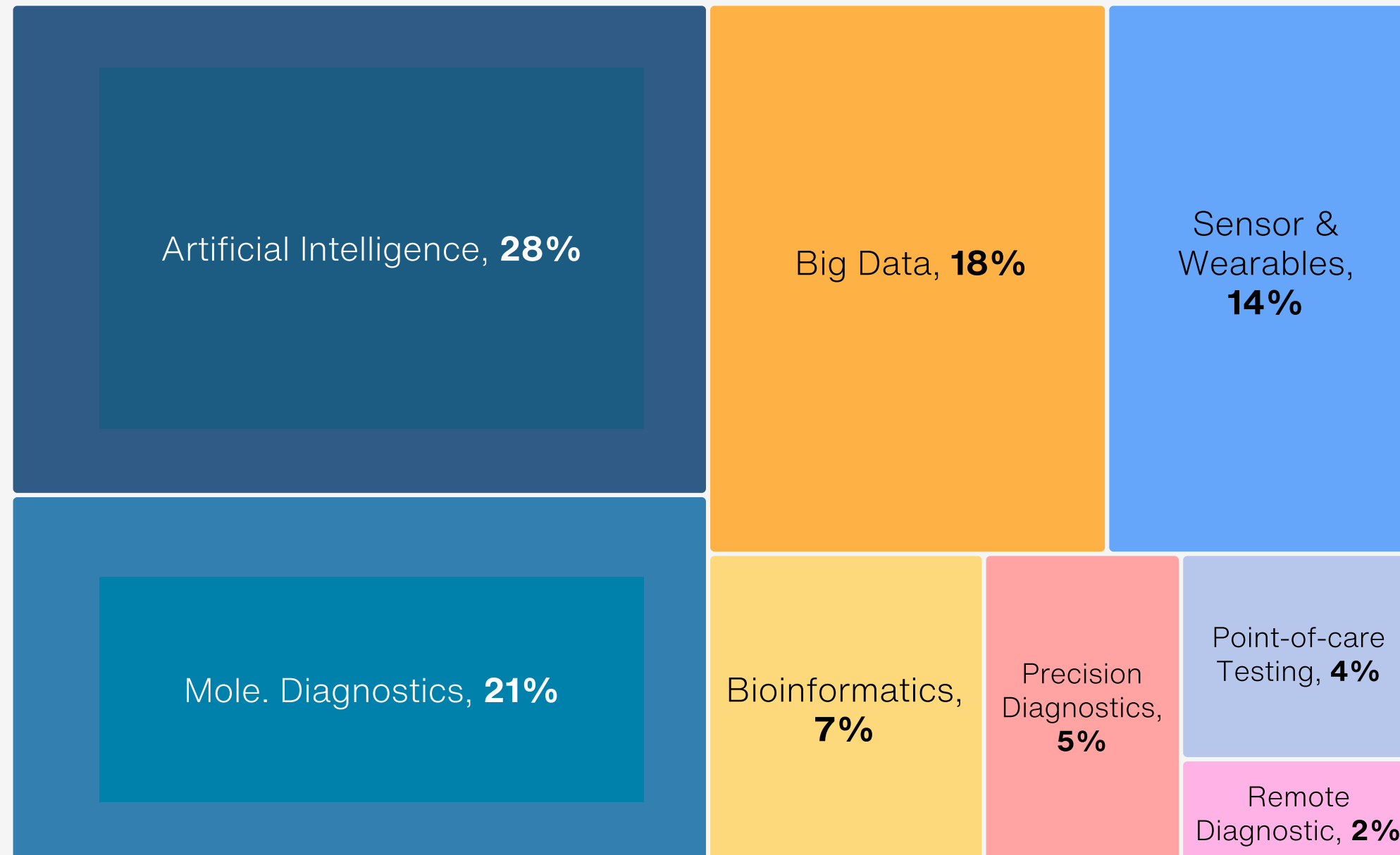*Total Market Size of Medical Diagnostics is $215 Bn (2022)*

Technological Trends in Medical Diagnostics

TECHNOLOGICAL TRENDS IN MEDICAL DIAGNOSTICS

Advancement of medical technology has witnessed remarkable progress in recent years. Innovations revolutionized the way we diagnose, monitor, and treat diseases. The possibilities are endless, from cutting-edge technology and medical advances like mRNA and CRISPR to data integration and artificial intelligence. Such advanced medical systems technology improves the accuracy and efficiency of diagnostics and enhances patient experiences and outcomes.

Current Adoption of Technologies in Medical Diagnostics

Artificial Intelligence, **28%**

Big Data, **18%**

Sensor & Wearables, **14%**

Mole. Diagnostics, **21%**

Bioinformatics, **7%**

Precision Diagnostics, **5%**

Point-of-care Testing, **4%**

Remote Diagnostic, **2%**

AI and Molecular Diagnostics are driving technological advances in Medical Diagnostics followed by other technologies.

- Impact of **Artificial Intelligence** on Medical Diagnostics is quite high, as AI enables diagnostics capability through analysis of complex images and data algorithms providing early detection and actionable insights for chronic and aggressive diseases

- **Molecular diagnostics** have significantly impacted medical diagnostics by leveraging the analysis of genetic and molecular information. Advanced techniques are employed to examine genetic material, proteins, and other molecular markers within the body

Recent Launches
& Approvals

HEALTHARK

Tech	Company	Year	Description
Artificial Intelligence	Paige	2023	Launched Paige Breast Suite, an **AI-powered radiology tool to help early diagnosis of breast cancer metastases** (It expanded its technology to reduce subjectivity, and manual tasks for pathologists)
	Koning	2023	Launched adjunctive AI software combined with CT that can produce **3D CT breast images** through integration with the company's existing breast CT devices **for early detection of breast cancer**
	GE	2022	Launched Omni Legend system, **combining the PET and CT scanner** with the aim **to make the device compatible with upcoming advancements in digital detectors, AI software and injectable tracers**
Molecular Diagnostics	Roche	2023	Launched **LightCycler PRO System** which allow users to develop their own tests and enable portfolio of more than 200 LightMix Modular research assays and over 60 LightMix CE-IVD assays **for cancer, infectious diseases** etc.
	ThermoFisher SCIENTIFIC	2023	Launched scalable **Diomni Enterprise Software** for molecular diagnostics labs for streamlining **routine diagnostics testing for standardization and rapid time-to-results**
	QIAGEN	2023	Launched **QIAstat-Dx syndromic testing solution** in Japan with a **SARS-CoV-2 Respiratory Panel** that can detect more than 20 pathogens from a single patient sample

HEALTHARK

Tech	Company	Year	Description
Big Data & Analytics	Google	2022	Introduced **Medical Imaging Suite for digital imaging**, designed to make diagnostic data more accessible and interoperable (It serves as gateway for the development and implementation of AI programs)
	LabVantage	2022	Launched **LIMS v8.8** that uses analytics for integrated electronic laboratory notebook, laboratory execution system, scientific data management system and advanced analytics for **laboratory diagnostic informatics** solutions
Precision Diagnostics	BAYER	2023	Launched **Precision Health unit** to close gap between monitoring, awareness and diagnosis with digital health tools on one end and education, treatment and prevention on the other
	WELL Health TECHNOLOGIES CORP	2023	Launched **Well Longevity+ Program**, a preventive health division that will utilize state-of-the-art technologies and **precision diagnostic testing** to identify potential conditions for **cancer, heart, and neurodegenerative diseases**
Remote Diagnostics	everly health	2023	Launched **at-home kidney health test** to expand access to prevention, diagnosis & treatment of **chronic kidney disease**
	Caption Health	2022	Launched **portable heart diagnostic device** for better **assessment of cardiovascular and heart failure risk** and affordable access to basic imaging of the heart

HEALTHARK

Tech	Company	Year	Description
Sensors & Wearables	Neuranics	2023	Announced to launch **Magnetic Sensor Development Kit** for monitoring the magnetic activities of the **heart** and transfer recordings via Bluetooth
	STAT	2023	Launched **24/7 in-ear wearable general wellness product** that measures **blood flow to the head** to allow better understanding of conditions of body that occurs upon standing
	IRISVISION	2022	Launched **new company Radius XR**, providing diagnostic capability to the proprietary **VR/AR assistive device** for multimodal diagnostics, practice management & patient engagement
Bio-informatics	ogt	2023	Announced release of **GeneSpect Somatic Reporter,** the state-of-the-art variant interpretation and reporting with **NGS panels and bioinformatics solutions**
	LUCID MEDICAL DIAGNOSTICS	2023	Launched **EsoGuard 2.0 for the detection of esophageal pre-cancer** that incorporate advanced molecular techniques, more efficient bioinformatics, and higher-throughput testing
	illumina	2023	Launched **TruSight Oncology 500 ctDNA v2**, enables noninvasive comprehensive genomic profiling of circulating tumor DNA from blood when tissue testing is not available
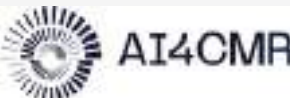
HEALTHARK

Tech	Company	Year	Description
Point of Care Testing	nova diagnostics pte. ltd.	**2023**	Launched **Nova Max Pro**, a new point-of-care tool to **improve kidney function screening** and early detection of kidney disease outside the hospital in CE countries
	sysmex	**2023**	Launched world's **first Point-of-Care Testing system in Europe** for rapid detection of Antimicrobial susceptibility in **30 minutes specifically for Urinary Tract Infection**
	Cipla Diagnostics	**2022**	Launched Cippoint, its **first point-of-care testing device, detecting cardiac markers, diabetes, infectious diseases, fertility, thyroid function, inflammation, metabolic markers, & coagulation markers,** approved by European IVD Device Directive

RECENT FDA APPROVALS FOR ADVANCED DIAGNOSTICS (1/2)

HEALTHARK

Tech	Company	Year	Description
Point of Care Diagnostic	cue	2023	Announced de novo FDA regular-use clearance for an **at-home COVID test, becoming first company to get the nod**
Remote Diagnostic	DeepX Health	2023	Received FDA clearance of DermoSight for **tele-dermatology screening of suspected skin cancer lesions in early stages**
Artificial Intelligence	MedCognetics	2022	Received FDA clearance for QmTriage AI platform that uses **2D mammograms to analyze the images for potential signs of cancer** and was built in partnership with University of Texas Southwestern (UTSW) Medical Center
	OWKIN	2022	Received EU approval for its two AI models: RlapsRisk BC (**Analyzes risk of relapses** with primary invasive breast cancer) and MSIntuit CRC (**Identifies cases of colorectal cancer with microsatellite instability**)
	DoMore DIAGNOSTICS	2022	Achieved CE-IVD mark for Histotype Px Colorectal, an **AI algorithm that predicts patient outcomes in colorectal cancer patients** by analyzing standard histology images
Sensors & Wearable	verily	2022	Announced FDA clearance for Zio Watch and ZEUS System, a **new precision health solution integrated into clinical care delivery** & **designed to assist health care providers in identifying & monitoring Atrial Fibrillation**

HEALTHARK

Tech	Company	Year	Description
Sensor & Wearables	iSono Health	**2022**	Announced FDA approval of wearable Atusa technology, a **portable ultrasound system using ML to generate whole-breast images to detect breast cancer**
	seer	**2022**	Received FDA clearance to launch **at-home epilepsy monitoring system** which uses **Seer Sense device** (series of electrodes attached to the chest and forehead) to capture EEG and ECG to monitor epilepsy and episodic events
	AI4CMR	**2022**	Received FDA 510K clearance for its AI4CMR solution, **to automate the interpretation of cardiac magnetic resonance imaging (CMRI) using AI**

M&A and Collaborations

HEALTHARK

M&A ACTIVITIES IN MEDICAL DIAGNOSTICS

HEALTHARK

M&A in life sciences by subsector (H1'22–23)

Volume

2023	2022
110	110
24%	31%

Value ($Bn)

2023	2022
55	113
7%	14%
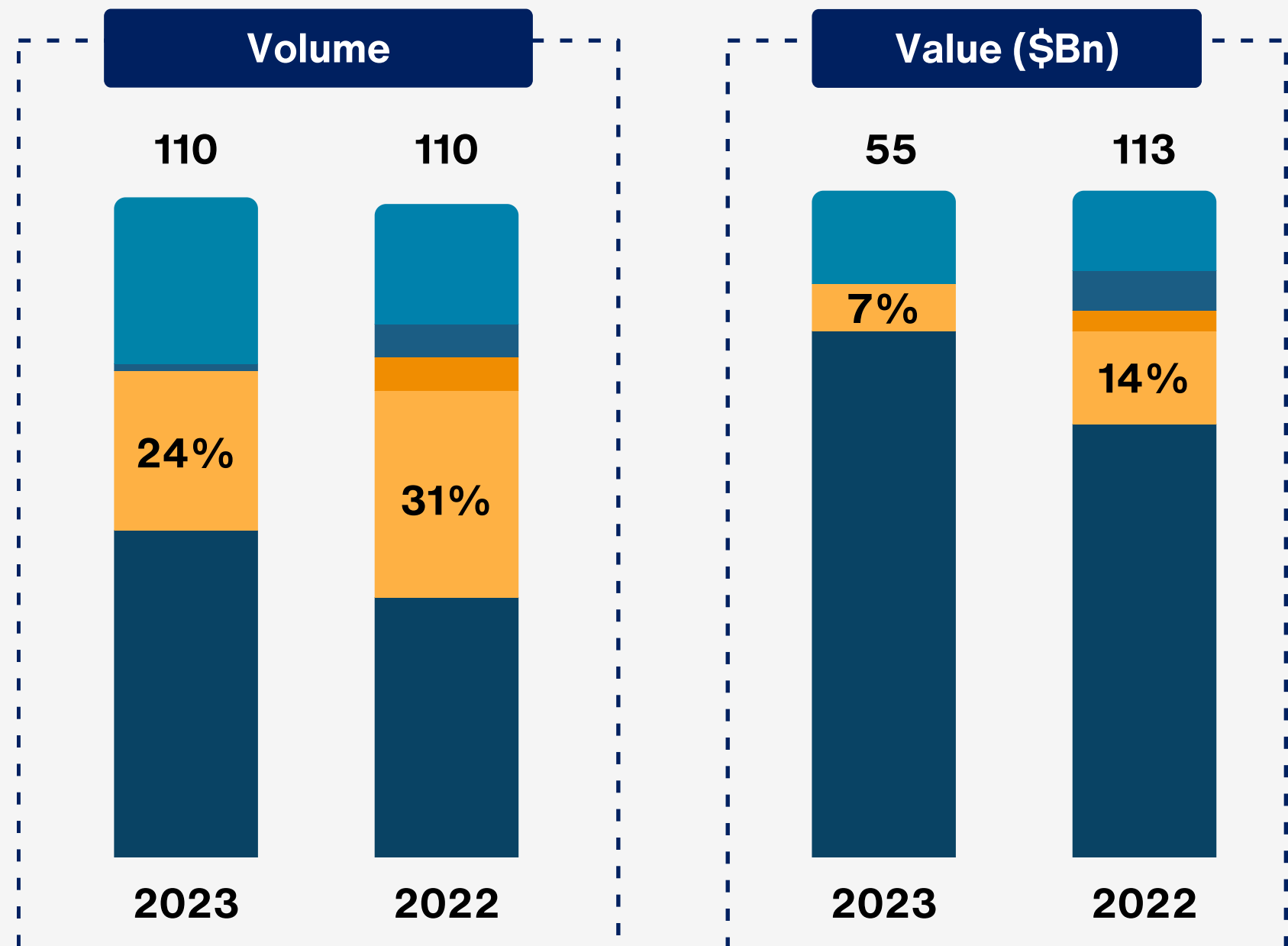
1 Overall M&A activities in Diagnostics sector **decline in H1'23** as compared to H1'22

2 Diagnostics accounted for **24% (26 M&A deals) of M&A activity across life sciences in H1'23**

3 Out of all M&A deal activities, **Small Cap** M&A accounted for **major deals (~73%)**

■ Pharmaceuticals ■ **Diagnostics** ■ Digital Health ■ Health Tech ■ CRO/CDMO/Suppliers

HEALTHARK

RECENT TECH BASED M&A DEALS

HEALTHARK

Tech	Company	Year	Description
Artificial Intelligence	SpectralMD	**2023**	Spectral MD, an AI based medical diagnostic company **merged with Rosecliff Acquisition Corp** with the deal **value of $170 Mn** for improved capital access and commercialization for **AI wound diagnostics in US, EU & UK**
Bio-informatics	Renovaro Biosciences	**2023**	Announced to acquire multimodal, multi-omics AI based **Bioinformatics start up Gedi Cube** and rebrand as Renovaro.AI
Point of Care Testing	Nuclein	**2023**	**Merged with Minute Molecular Diagnostics** to advance commercialization of **rapid & low-cost qPCR system**
Remote Diagnostic	imaware™	**2023**	Acquired **binx health's at-home consumer testing business** to expand its presence in home-health testing specifically for **Sexually Transmitted Diseases**
Sensors & Wearable	908devices	**2023**	Acquired **Trace Analytics for ~$17 Mn** to utilize its **biosensors and mass spec devices** as on-line bioprocess monitors

RECENT COLLABORATIONS IN MEDICAL DIAGNOSTICS FOR TECH ADVANCEMENTS

HEALTHARK

Tech	Company	Year	Description
Artificial Intelligence	Medtronic	2023	**Partnered with Nvidia** to build out an entire ecosystem of AI tools to spot colorectal polyps and adenomas on the lining of the colon in real-time during a colonoscopy
Mole. Diagnostic	XtalPi	2023	Extended its **partnership with CK Lifesciences** to develop miRNA based postoperative molecular diagnostic models for prognostic risk prediction for cancer patients
Big Data & Analytics	Redcliffe labs	2023	**Partnered with Abbott India** to launch clinical decision support AiniQ powered by Big Data Engines & AI, providing insights and recommendations to improve patient care
Sensors & Wearable	medidata	2023	**Partnered with Sibel Health** to integrate Sibel's discovery platform into its offering to gather insights from Sibel's wearable sensor technology
Precision Diagnostic	genomill	2023	**Partnered with iCAN,** to improve its Geno1 platform, to detect trace tumor DNA from thousands of biobank samples and lower barrier for adoption of liquid biopsy in precision medicine
Point of Care Testing	csem	2023	**Collaborated with MOMM Diagnostics** to develop a cutting-edge point-of-care solution for preeclampsia that detects two crucial biomarkers associated with this prevalent disease simultaneously
Bio-informatics	G42	2022	**Partnered with Saphetor SA**, for its VarSome Bioinformatics Platform to provide insights and facilitate early diagnosis of cancer, rare and metabolic diseases, and other genetic conditions
Remote Diagnostic	MedArrive	2022	**Partnered with Spect** to use its AI enabled telemedicine platform to perform critical eye screening for diabetic retinopathy, glaucoma and age-related molecular degeneration

RECENT INVESTMENTS IN MEDICAL DIAGNOSTICS

HEALTHARK

Funding (2023)	Grants (2023)

Raised $30 Mn Series B funding to develop comprehensive AI imaging model which help radiologists to find and triage injuries and health conditions based on imaging results

Received **~$9 Mn grant from Bill & Melinda Gates Foundation** to develop **molecular diagnostic test for TB** on its upcoming Co-Dx PCR platform

Secured **€7.5 Mn Series A investment** for its **wearable biosensor of lung** to provide remote diagnosis as well as expand its facility in US

NIH's division NIGMS **awarded two Phase 2 SBIR grant of $4.8 Mn** to develop **Prenosis's Immunix AI based precision diagnostic platform** for acute immune states and sepsis

Debuted with **$35 Mn in Series A** funding led by PXV Fund II to **commercialize company's mNGS & precision diagnostics** based infectious disease test
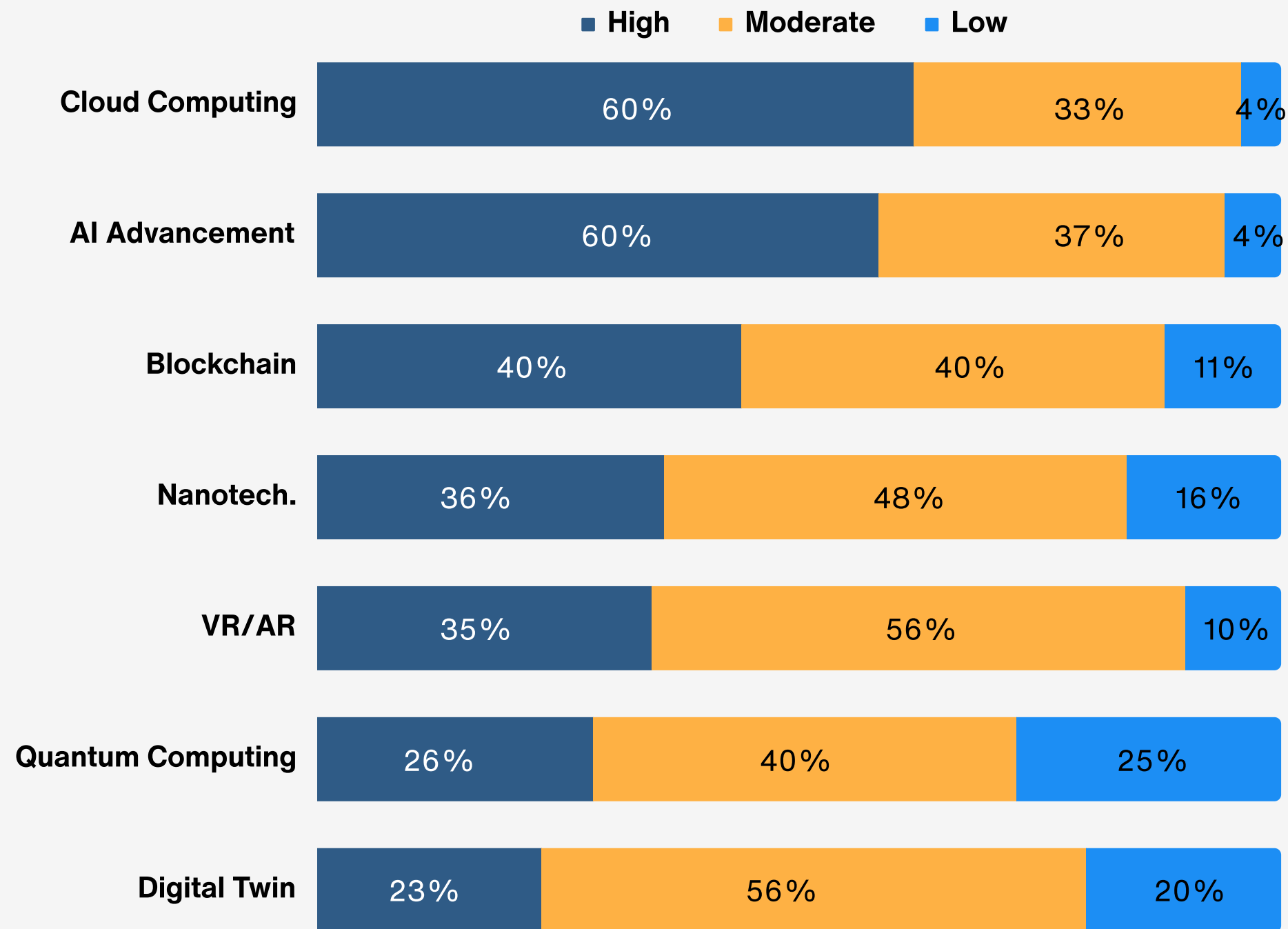
Future Outlook

CLOUD COMPUTING AND AI WILL LEAD DIAGNOSTICS LAUNCHES IN NEXT 5 YEARS

Legend: High | Moderate | Low

Technology	High	Moderate	Low
Cloud Computing	60%	33%	4%
AI Advancement	60%	37%	4%
Blockchain	40%	40%	11%
Nanotech.	36%	48%	16%
VR/AR	35%	56%	10%
Quantum Computing	26%	40%	25%
Digital Twin	23%	56%	20%

Emerging diagnostic paradigm involves digitalization, robotization, and automation, giving rise to smart laboratories and imaging systems. Diagnostic companies are strategizing to advance in AI and cloud computing, capitalizing on the increasing adoption of advanced diagnostic devices disrupting the market. These innovations enhance diagnostic capabilities, with current technologies already making an impact and future advancements expected to further transform the diagnostic landscape.

Along with that, there will be renewed focus on partnerships between traditional and non-traditional players, fostering collaboration for continued innovation which will help in accurate and advanced care. Industry is moving towards 4P medicine, emphasizing Predictive, Preventive, Personalized, and Participatory care, leveraging the potential of technological advancements in diagnostics for a more holistic and individualized approach to healthcare.

Based on Deloitte analysis of Research survey of 250 MedTech companies about technologies to be introduced in organization over the next five years to better understand, protect, and use the data generated from your medical devices

CONCLUSION

Diagnostic industry is witnessing significant trends shaped by consumer demands for personalized, value-added, and precise tests, with robust support from extensive data collection and intelligent integration. These trends often intersect with real-time diagnostics and at-home testing generating valuable datasets for training AI models in classification and prediction. The growing interest in personal genomics prompts consumers to contribute more DNA samples for testing and research, enhancing our understanding of epigenetics. These samples also serve as crucial data for Deep Learning algorithms, offering deeper insights into the intricacies of the human body.

Since the 2020 pandemic, scientific breakthroughs in diagnostics have been remarkable. However, in 2023, consumers expect these innovations to be the norm, sparking a transformative shift in the diagnostic industry's approach to drug therapy development.

REFERENCES

1. https://www.ncbi.nlm.nih.gov/books/NBK338593/
2. https://fortressdiagnostics.com/news/2023/april/importance-of-diagnostic-testing
3. https://www.verywellhealth.com/common-types-of-diagnostic-medical-equipment-2318211
4. https://isnmedical.com/medical-diagnostic-equipment-types-and-uses/
5. Technavio Report: Global Medical Diagnostic Market
6. https://isnmedical.com/medical-diagnostic-equipment-types-and-uses/
7. https://isnmedical.com/medical-diagnostic-test-equipment/
8. https://www.marketsandmarkets.com/Market-Reports/diagnostic-imaging-service-market-17157849.html
9. https://www.news-medical.net/health/Recent-Developments-in-Health-Technology.aspx
10. https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8754556/
11. https://harmonyhomemedical.com/blogs/home-medical-resources/all-types-of-medical-equipment
12. https://www.startus-insights.com/innovators-guide/medical-diagnostics-trends/
13. https://medium.com/@rustamgilfanov/trends-in-medical-diagnostics-revolutions-around-the-corner-f9d63144acd2
14. https://www.pwc.com/gx/en/issues/transformation/insights/transforming-precision-health.html
15. https://clarkstonconsulting.com/wp-content/uploads/2022/12/2023-Diagnostic-Trends.pdf
16. https://pubs.rsc.org/en/content/articlehtml/2022/sd/d2sd00037g
17. https://www.indiatoday.in/health/story/how-extended-reality-could-help-better-disease-diagnosis-2393943-2023-06-16
18. https://healthcaretransformers.com/digital-health/current-trends/future-of-diagnostics/
19. https://www.deloitte.com/global/en/Industries/life-sciences-health-care/research/gx-future-of-diagnostics.html
20. https://www.tecan.com/blog/4-disruptive-trends-shaping-future-of-clinical-diagnostics
21. https://isnmedical.com/medical-diagnostic-test-equipment/
22. https://itcraftapps.com/blog/the-future-of-medicine-how-ai-impacts-diagnostics-and-treatment-in-hospitals/
23. https://tateeda.com/blog/healthcare-technology-trends
24. https://www2.deloitte.com/us/en/blog/health-care-blog/2022/the-post-pandemic-future-of-diagnostics.html
25. https://www.deloitte.com/global/en/Industries/life-sciences-health-care/research/gx-future-of-diagnostics.html

Authors

Parth Upadhyay
Senior Consultant
Healthark Insights

Pruthvi B.
Consultant
Healthark Insights

HEALTHARK

CONTACT US

821, Sun Avenue One
Manekbag, Ambawadi,
Amdedabad, India
contact@healtharkinsights.com
healtharkinsights.com