State-of-the-Art Technology & Partner Identification

Digital Biomarker in Neurological Patient-Centric Ecosystem

FutureBridge

Client	A leading molecular diagnostic, personalized medicine company
Industry	Medical devices
Products	Molecular diagnostics, precision medicine, preventive care

Context

The Client was interested in identifying promising technologies related to digital biomarker in neurological patient-centric ecosystem and potential partner who could address the technology and regulatory challenges.

Key Business Questions

- What is the current state-of-the-art related to digital biomarker in neurological patient-centric ecosystem?
- What are the challenges associated with clinical adoption and regulatory approval process?
- What are the major current unmet needs that are priority for the industry?
- Which are the breakthrough and disruptive technologies addressing these unmet needs?
- Who could be the potential partners for the digital biomarker - integration & deployment?

Engagement Scope

1 Technology State-of-the-Art & Innovative Solutions	2 Adoption Challenges & Unmet Needs	3 Competitive Landscape & Partnership Opportunities	4 Key Findings and Conclusions
- How has the digital biomarker ecosystem evolved over a period with respect to product line and application? - What are the devices/tools/platforms used in neurological patient-centric ecosystem? - What are the innovative solutions offered using digital biomarkers for neurological health monitoring and personalized medicine? - What are the patent filing trends, innovation hubs for these digital biomarkers?	- What are the key hurdles to clinical adoption of digital biomarkers? - What are the unmet needs with respect to feasibility, technology adoption and commercial success of these biomarkers? - What is the technology maturity level of these digital biomarkers in terms of readiness level, regulatory approval and commercialization? - Which digital biomarkers should physicians adopt?	- Who are the leading technology players/startups & research institutes active in digital biomarkers? - Competitive landscape - technology integration, success rate, product promotion, & incentive schemes? - Who could be potential technology partners for providing digital healthcare solutions using these biomarkers? - What kind of incentives and improved outcomes do payers need to see in order to approve reimbursement for usage of digital biomarkers?	- Shortlisted breakthrough technologies and prospective partners - Benchmarking and prioritization of the technologies and prospective partners - Know-how on companies building platforms that enable workflow integration - Technology penetration level and market/geographical reach

Research Methodology

Secondary Research
- Technology specific portals/blogs/magazines, conferences/seminars, sites, etc.
- Web of Science, ScienceDirect, Pubmed, Digital Technology Journals, Biomarkers Journals, etc.

Patent Research
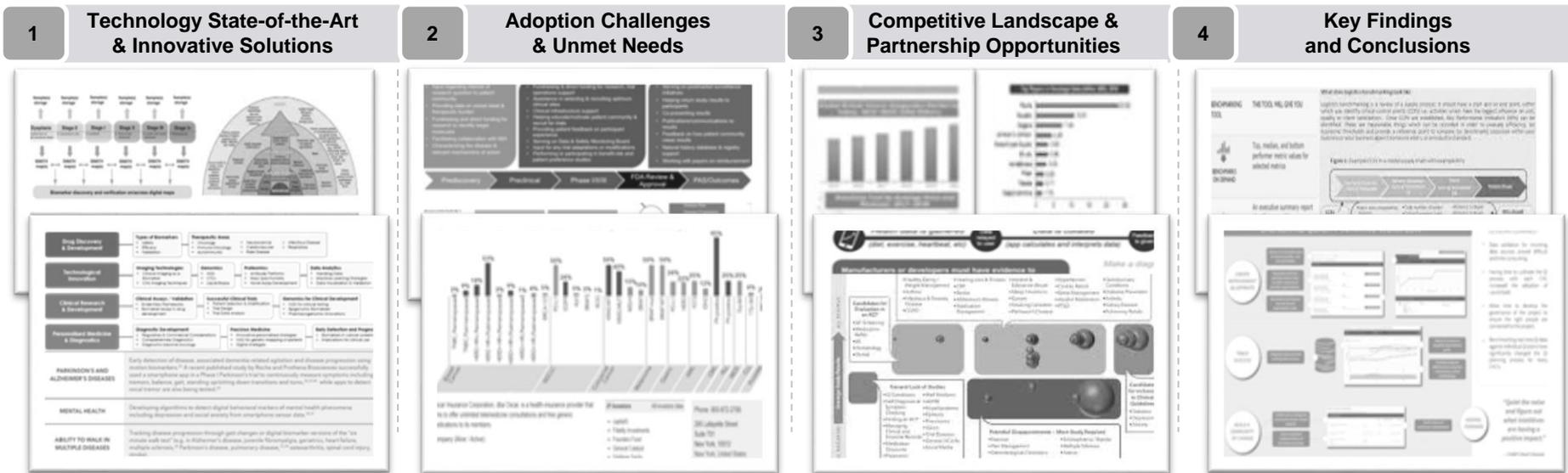- Orbit, USPTO, Espacenet, Patentscope, DEPATISnet etc.

Primary Research
- 20+ interviews with technology/IoT experts/developers, KOLs, consumers, etc.
- 200+ web-survey

Benefits to Client
- Envisage the digital biomarker in neurological patient-centric ecosystem
- Understand adoption challenges and unmet needs
- Identify promising technologies and potential partners
- Identify top technology and associated developer

Sample Analysis

1	Technology State-of-the-Art & Innovative Solutions	2	Adoption Challenges & Unmet Needs	3	Competitive Landscape & Partnership Opportunities	4	Key Findings and Conclusions

Thank you

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