Technology Landscape - Digital Solutions For Knee Surgery

Case Study



Case study: Technology Landscape - Digital Solutions For Knee Surgery

Client	A global medical device & pharmaceutical manufacturing company
Industry	Medical devices
Products	Digital solutions for knee surgery

Context

 The client wanted to understand the technology landscape of digital solutions for the management of knee, hip, shoulder, and other orthopedic surgeries.

Key Business Questions

- What are the on-market digital technologies/solutions for knee, hip, shoulder, and other orthopedic surgeries?
- What are the key differentiating features of identified technologies/solutions?
- Who are the key players associated with these technologies?

Engagement Scope



Technology Landscape

- What are the innovative digital technologies/solutions for orthopedic surgeries? What is the technology readiness level for such solutions?
- Which companies are involved in the development of such technologies?
- What are the key differentiating features of identified technologies/solutions?

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Competitive Assessment

- Which stakeholders are impacted by the identified digital technologies/solutions?
- Is the identified technology/solution scalable to surgery types other than knee surgery?
- Which are the key players associated with these technologies?

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Solution Framework

- What are the various application areas/use cases for digital solutions for knee surgery?
- What are the gaps in identified key differentiating features?
- What are the unmet need fulfilled by these gaps identified?



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Research Methodology

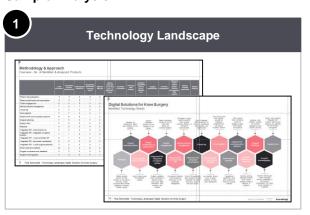
Secondary Research

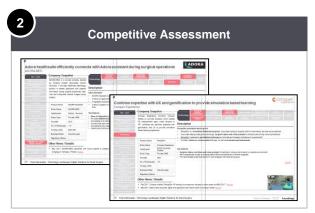
- Conducted desk research to identify key innovative digital solutions for orthopedic surgeries
- Conducted desk research to gain insights into shortlisted entities/companies

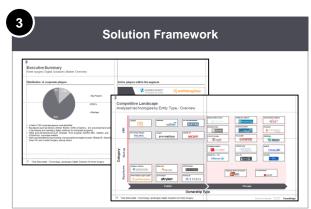
Benefits to Client

- Recent technological advances in digital solutions for orthopedic surgery with an explicit focus on knee surgery
- Various technologies/use cases under the knee surgery digital solutions market landscape
- Key competitors involved in the development of such technologies
- Companies/entities suited for collaboration/agreement with the client

Sample Analysis







Thank you

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