THE WELINK.CARE LABEL HAS BEEN AWARDED TO

AVATAR MEDICAL

ON THE 21TH OF OCTOBER 2022

WITH THE HIGH DISRUPTION SCORE OF 79 %

WeLink.Care Label

Dr. Thierry Vermeeren, CEO

The WeLink.Care label uses a composite index scoring the disruption value of a digital solution use case in the daily health practice.
Our expert team has reviewed the preselected digital solution with a set of 35 points of measure, based on interviews, documents research and analysis.

AVATAR MÉDICAL RECEIVES THE WELINK.CARE LABEL

Introduction to the Achievement

Avatar Medical has proudly received the WeLink.Care Label, an acknowledgment of its groundbreaking innovation in the realm of digital healthcare. This recognition underscores the platform's potential to revolutionize surgical consultations and medical education through its unique 3D visualization technology.

About the WeLink.Care Label

The WeLink.Care Label is a prestigious recognition awarded to digital health solutions that demonstrate significant innovation and impact in improving healthcare delivery. By rigorously evaluating solutions across various dimensions such as disruption potential, user experience, and scalability, the label highlights those that address critical healthcare challenges with transformative approaches.

This label assures stakeholders of the solution's quality, safety, and alignment with evolving healthcare needs. It serves as a benchmark for excellence in the eHealth sector, helping solutions like Avatar Medical gain trust and visibility within the global healthcare community.

The Evaluation Process

The evaluation process for the WeLink.Care Label involves a comprehensive and structured methodology, beginning with an in-depth analysis of the solution's technical foundation. For Avatar Medical, this included a review of its patented 3D visualization technology that converts medical images into detailed, patient-specific avatars to enhance surgical planning and medical education.

The next step involves assessing the solution's usability and impact on healthcare workflows. Avatar Medical's ability to support shared decision-making between patients and surgeons was a key focus, showcasing how the platform elevates patient engagement and improves clinical outcomes through intuitive, real-time digital planning.

The evaluation also considers the solution's business model, sustainability, and scalability. Avatar Medical's recent €5 million seed funding round and its dual-market presence in Europe and the United States were critical indicators of its potential for growth. The platform's strategy to expand its reach to medical schools and hospitals further highlights its scalability.

Lastly, a panel of experts reviews the findings, ensuring that the solution not only meets current healthcare demands but also has the capacity to adapt to future innovations. This rigorous evaluation process ensures that the WeLink.Care Label is awarded to solutions that truly stand out in the digital health landscape.

AVATAR MÉDICAL

Introduction to the company

Avatar Médical, founded in 2020 as a spin-off from the Institut Pasteur and Institut Curie, is an innovative digital health company operating in both France and the United States. The company combines expertise from a multidisciplinary team of entrepreneurs, surgeons, engineers, and physicists to transform surgical and medical education practices. With its pioneering approach to 3D medical visualization, Avatar Médical has garnered widespread recognition, including prestigious awards such as the EIC Accelerator and Nvidia Inception accolades. The company continues to push boundaries in the healthcare industry, striving to enhance surgical precision and medical training worldwide.

The Solution

Avatar Médical offers a state-of-the-art software solution designed to convert traditional medical imaging into interactive, patient-specific 3D avatars in real time. By delivering an intuitive and visually rich interface, the solution enables surgeons to better understand complex anatomical structures. Tailored for medical professionals and educators, Avatar Médical facilitates more precise surgical planning, enhanced patient consultations, and immersive learning experiences for medical students. This innovative platform aims to democratize access to advanced visualization technologies, empowering healthcare providers across diverse settings.

Features and Benefits

The key feature of Avatar Medical lies in its ability to instantly generate detailed 3D models from medical images, offering unprecedented clarity and accuracy for surgical planning. The platform supports a variety of use cases, from preoperative consultations to anatomy and radiology education, providing significant value to both healthcare providers and medical institutions. Benefits include enhanced shared decision-making between surgeons and radiologists. For medical schools, the platform revolutionizes teaching methods, offering students an immersive way to learn anatomy and pathology. Hospitals benefit from streamlined workflows, as the technology integrates seamlessly with existing imaging systems, optimizing efficiency and outcomes.
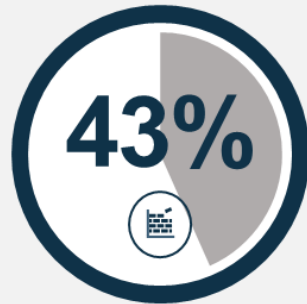
Compliance and Future Outlook

Avatar Médical is committed to maintaining the highest compliance standards. Its software is FDA-cleared, and the company is actively pursuing CE marking, expected in 2024, to meet stringent European regulations. These certifications reinforce its dedication to delivering secure, reliable, and clinically effective solutions. Looking ahead, Avatar Médical plans to expand its commercial reach in Europe and the United States while accelerating development of its AvatarCloud product. By leveraging recent funding and ongoing technological advancements, the company is poised to remain at the forefront of surgical innovation and medical education.

DISRUPTION SCORE

Avatar Médical demonstrates strong disruption potential with its groundbreaking technology that transforms standard MRI and CT scan images into real-time, patient-specific 3D visualizations. Compatible with virtual reality, this innovation enhances surgical planning and medical education. Founded in 2020 as a spin-off from Institut Pasteur and Institut Curie, the startup builds on four years of intensive research. Its transatlantic leadership team brings expertise in scientific research, entrepreneurship, and commercial strategy, positioning it as a leader in digital healthcare innovation.
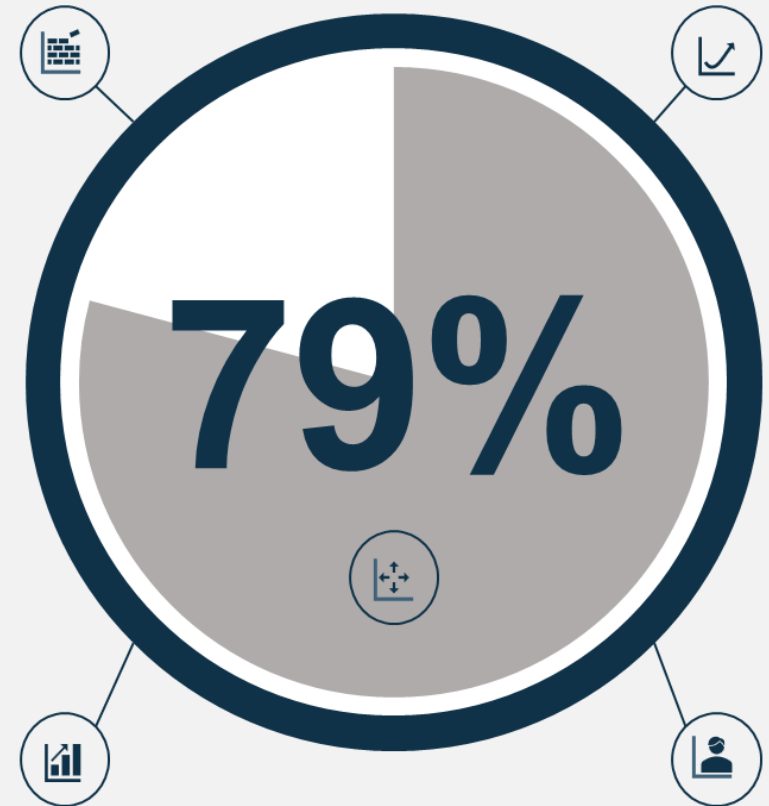
BUSINESS PERFORMANCE
43%
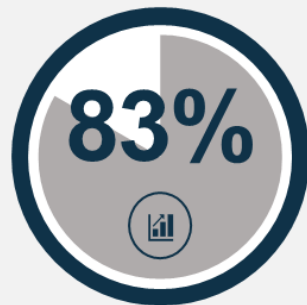|~ average ~|

CHANGE OF PRACTICES
90%
|~ very significant ~|

DISRUPTION POTENTIAL
79%
|~ high ~|

SOLUTION MATURITY
83%
|~ very high ~|

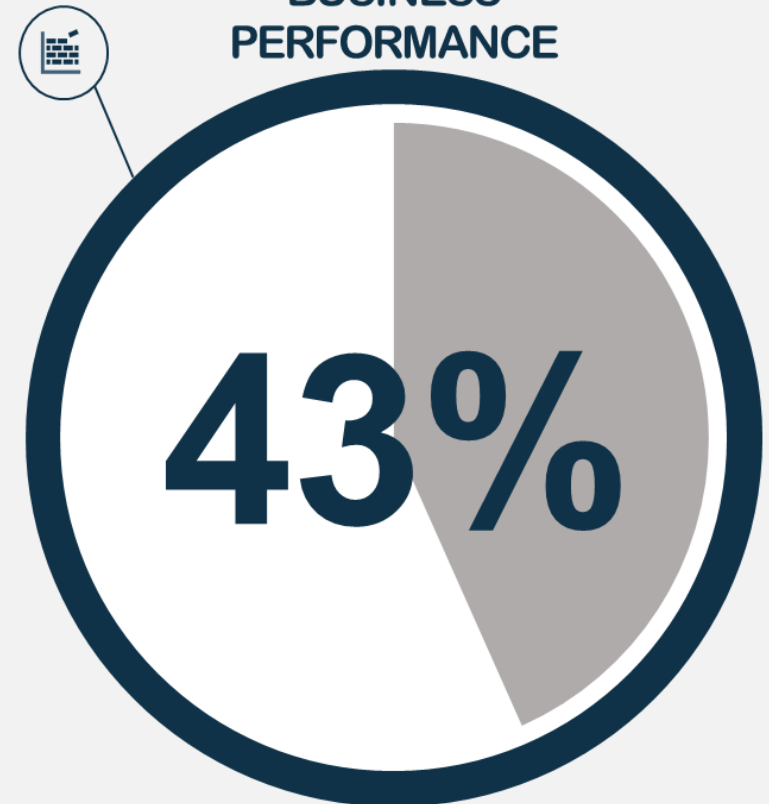## USER EXPERIENCE
100%
|~ very good ~|

BUSINESS MODEL

Avatar Medical has raised $3 million through investments in France and the U.S., supplemented by French grants. While currently in the proof-of-concept stage, it has achieved initial sales for research and educational purposes, which do not require certification. Commercialization is set to begin in 2023 upon certification, with break-even expected by 2025. A robust management team supports its strategic and operational objectives.

BUSINESS MODEL

|~ average ~|

COMMERCIAL READINESS LEVEL

3

|~ market validation ~|

BUSINESS PERFORMANCE

43%

|~ average ~|

SOLUTION MATURITY

Avatar Médical's innovation maturity is very high, with active collaborations at the proof-of-concept stage in 20 hospitals across France and the U.S. Backed by multiple clinical studies published by independent research teams, the platform benefits from a surgeon-inclusive design process. A gynecological surgeon in its leadership team, alongside specialists engaged during software development, ensures functionality aligns with clinical needs. This multidisciplinary approach positions Avatar Medical as a highly mature and credible digital health solution.

CLINICAL TRIALS
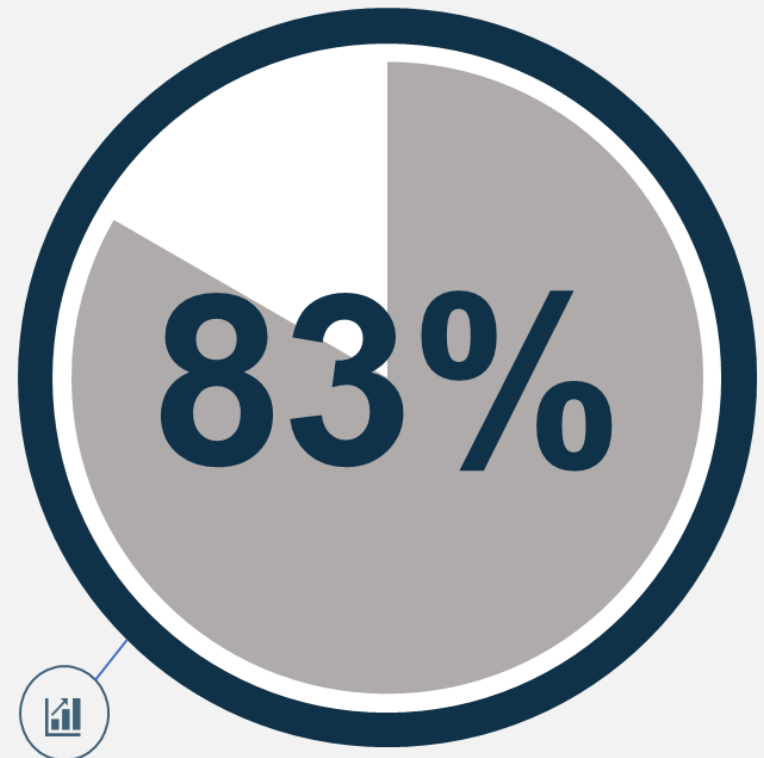
|~ studies published by multiple teams ~|

PREMS & PROMS

|~ sufficient ~|

DESIGN APPROACH

|~ adequate ~|

SOLUTION MATURITY
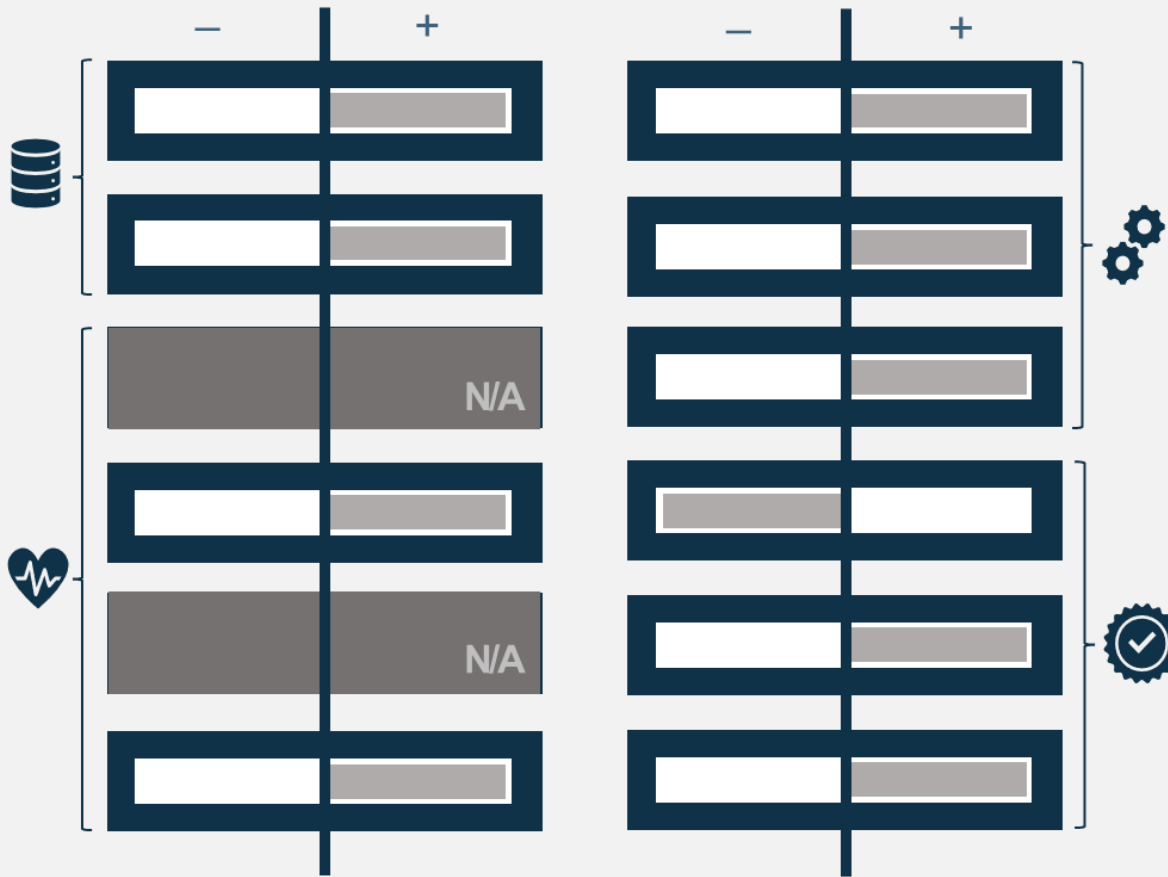
83%

|~ very high ~|

TECHNOLOGY READINESS LEVEL

4

|~ lab proof of concept ~|

CHANGE OF PRACTICES

Avatar Médical drives significant changes in surgical practices by enabling shorter, safer, and less invasive procedures through real-time 3D visualization without segmentation or pre-processing. Dynamic filters allow surgeons to highlight specific anatomical structures, enhancing precision. The platform includes tools for cropping, measuring, and annotating images, further supporting clinical workflows. This advanced technology, offered at a reasonable cost, meets efficiency criteria and represents a transformative leap in surgical planning and execution.

PRACTICES MEASURE POINTS

|~ 10 relevant measure points ~|

CHANGE OF PRACTICES

90%

|~ very significant ~|

USER EXPERIENCE : THE PROFESSIONAL AND PATIENT PERSPECTIVE

Avatar Médical excels in user experience, fostering seamless collaboration between radiologists and surgeons across specialties such as orthopedics, oncology, reconstructive, vascular, head and neck, and endometriosis surgeries. Its intuitive 3D interface enables surgeons and trainees to quickly interpret complex 2D imagery in a three-dimensional context. Tailored to surgeons' time constraints, the software is user-friendly, requiring a maximum of two hours for customized training, ensuring swift adoption and effective integration into surgical workflows.
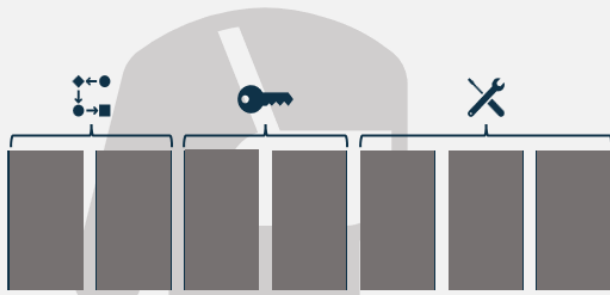

100%

|~ very good ~|

PROFESSIONAL EXPERIENCE

PATIENT EXPERIENCE

|~ N/A ~|

USER EXPERIENCE

100%

|~ very good ~|

LINKS AND RESOURCES

https://avatarmedical.ai/europe/

https://label.welink.care/

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This report is based on the information provided by the scored company, input from various stakeholders, and the application of the WeLink.Care© methodology by OZConsulting. The findings, scores, and evaluations presented are intended solely for informational purposes and do not constitute a guarantee or endorsement of the quality, effectiveness, or commercial viability of the evaluated digital health solution.

The conclusions are drawn from the data available at the time of the study and may not reflect subsequent changes. OZConsulting assumes no responsibility for the accuracy or completeness of the information provided by the scored company or any third parties involved. Any reliance on this report is at the reader's own risk.

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