

SurgiQual Institute strengthens its many year-long partnership with Modjaw and joins the capital of the young start-up

Powered by the 4D Dentistry concept, start-up MODJAW revolutionises dentistry, providing a dynamic and personalised occlusal analysis of the patient's denture, based on jaws motion capture. SurgiQual Institute, has brought its deep expertise to accompany MODJAW on this real-time 4D modelling software for diagnosis and therapeutics.

In 2013, dental surgeons opened the area of personalised and optimised dentistry by developing a new paradigm: real dynamics parameters of the patient have to be integrated with static ones to get a full diagnostic and high-quality dental restorations, fully customized to the patient.

Today, MODJAW offers an innovative solution, specifically designed for the dental clinic, providing the dentist with a dynamic and 3D visual feedback of the patient's chewing kinematics, within minutes, without being invasive and without X-Rays.

Video : <https://youtu.be/Qa6s5m3WKn0>



« We bring an optimal solution thanks to the accuracy and comfort of the digital technologies, meeting the dental surgeons needs at diagnosis and therapeutics stages. » explains Maxime Jaisson, dental surgeon and Modjaw co-founder.

MODJAW has been working for more than seven years in collaboration with SurgiQual Institute, which has been bringing its expertise and its strong track record in surgical navigation projects. SurgiQual Institute was the ideal partner and assisted in maturing the idea, prototyped, designed and developed the final product until market release.



« We have supported MODJAW since the beginning, tells Sylvain Besson, CTO at SQI, as we worked very upstream on this project. We managed the whole software aspects (3D, UI, algorithms, medical data, instruments localization) but also provided its regulatory documentation for certification. By bringing the adapted technical solutions, we converted their clinical need into an end product.»

By combining expertness from both companies, Modjaw was able to focus its resources on its strategic targets (clinical and commercial) and on developing a cutting edge offer.

Both companies still deeply collaborate to monitor and improve the product.

« Our innovation opens the way to a brand new dentistry and to a lot of other near-future innovations, adds Antoine Rodrigue, CEO and Modjaw co-founder. Linked to other technologies, it will lead to tremendous tools for prosthetic reconstruction and aesthetic management.»

In 2020, SurgiQual Institute decided to go further by investing in the young company : *« having been involved historically, we are more than a simple provider, explains Sylvain. So, It appeared natural to formalize this position. By joining Modjaw capital, our role will be reinforced. In particular, we will be more involved in the product evolutions and its development strategy. »*

About SurgiQual Institute (www.surgiquaI-institute.com)

SurgiQual Institute has undertaken, for more than 12 years, a dual activity in medical software development in compliance with regulations, and expert support on medical device certification. The company focuses on digital tools for the operating room, cloud-based platforms for personalized medicine and takes regulatory manufacturer responsibility for clinical trials.

About MODJAW (<https://www.modjaw.com/>)

MODJAW digitalizes the mandibular kinematics of your patients without X-Rays and brings a unique solution to dental surgeons at the diagnostic stage and for prosthetic treatments. The company launched commercially the MODJAW *Tech in Motion* solution in Europe in March 2019 and has now clients in 17 countries.