

## Our Team

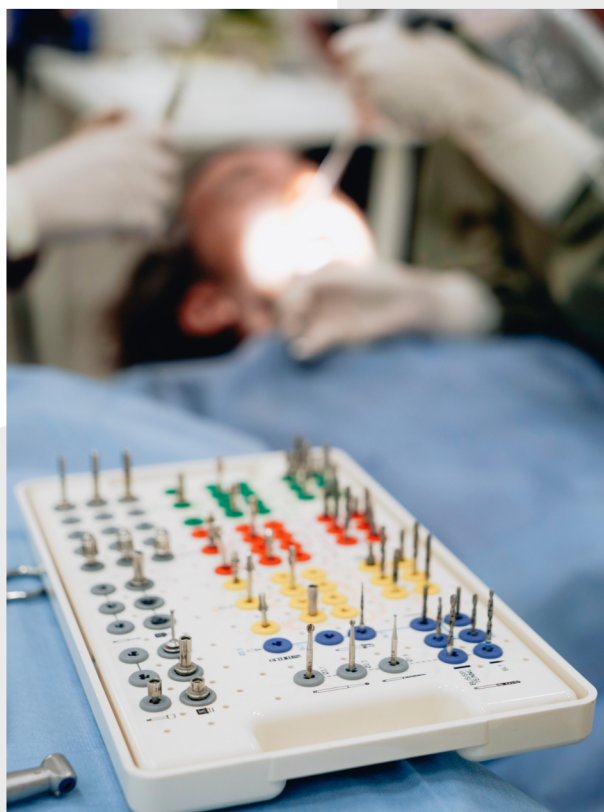
The development and market implementation of the solution is carried out by an interdisciplinary team with the support of experienced scientists and implantologists.

## Goal

Our goal is to be the first platform to provide physicians with a solution for preoperative determination of absolute bone density values.

## Mission

Our mission is to deliver the highest quality of service.



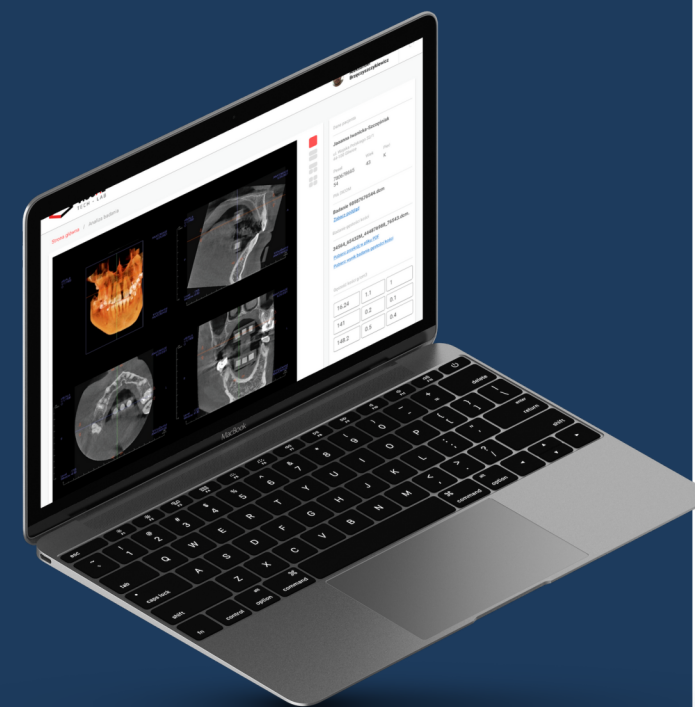
## CONTACT

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# BONE DENSITY DIAGNOSTIC SYSTEM

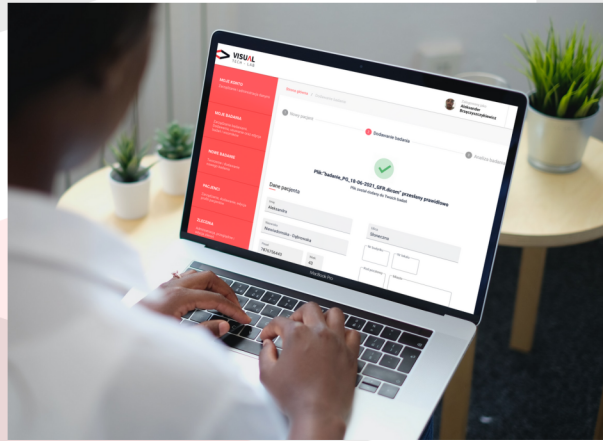


## System

A modern, user-friendly interface that allows free use of the service on any device with a web browser. The system requires no additional software installation.







Access to the System and the Density Phantom that the doctor gets are free of charge.

Payment is made only for the bone density test performed at the chosen site of the planned procedure.



The system will indicate to the dentist the exact measured bone density at the selected procedure location. The reading will be in the absolute units of density accepted in physics,  $\text{g}/\text{cm}^3$ . The tool the doctor will receive is a copyrighted Density Phantom with which the patient is CT-scanned and a cloud platform for analysing, calculating and reading the patient's data from the CT scan taken with the phantom. The benchmarking of the results is performed using custom software and algorithms using the digital storage of the images (DICOM files) taken with the dental CT scanner.

## How it works

-  A standard CT scan of the patient, before the planned procedure, but with the difference that it is performed with our density phantom.
-  Uploading a DICOM medical file from the CT scanner to our system
-  System data processing, bone density analysis
-  Result of the analysis: 3D image with the value of the bone density at the planned surgery site
-  Planning the procedure
-  Implant procedure

## Density phantom

The phantom is made of a composite material representing ranges of bone material with different densities. The standards identify three different density levels from which the System calculates a calibration curve, and then, based on the CBCT image, the System calculates the density of the patient's bone at the site indicating the planned procedure in the jaw or the mandible.



## Innovation

The unique value proposition of the Visual Tech-Lab product is to provide the knowledge the dentist needs about the patient, when the scope of this knowledge is not available to them today, and to provide them with information to make decisions about the correct way to place the implant.

The new method is a globally expected innovation by the market, no similar solution is currently used in dental implantology.



## Benefits for the doctor - the System user

- confidence in the correct decision on the choice of procedure and choice of implant;
- saving costs and time for claims activities changing it into time for the next patients;
- increased standard of dental services;
- increase in reputation and professional prestige of patients;
- availability of the service online without any costs;
- gaining an additional densitometric assessment service of the patient's health, which is not currently available as standard.