InnoHealth Tandem

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- Innovative Human Test Systems
- In Vitro Medical Device Assessment
- Innovative Regulatory Approval Processes

MeDe21 -
Medical Device Testing in the 21st Century: Osseointegration

- Dental Implants
- Osseointegration In Vitro
- Flexible and Efficient Performance Testing In Vitro
- Replacing Animal Tests
- Shortening Time-To-Market

Project Description
Dental implants must integrate quickly and firmly into the surrounding bone. Our project aims to
generate a highly predictive test procedure for osseointegration together with its establishment in the
regular approval process. Thus, costly and protracting animal tests can be avoided. Overall, the time-
to-market of innovative medical devices is reduced, whilst offering high flexibility and reliability.

What do we need?
We are looking for partners to take the next step and turn the lab-proven method to a well-accepted
model as major part of the regulatory approval process. Partners might be suitable medical device
companies. As launch customers, they would benefit from adaption to their special needs. Other
partners might be well established test laboratories interested in cutting the edge in vitro models.

What do we offer?
We are specialized in developing human tissue models for animal-free medical device and drug
testing. We realized an in vitro setup for osseointegration and proved high predictiveness and repro-
ducibility. This is an ideal test model for dental implants.

Meet this winning German Research-SME-Tandem on the virtual Matchmaking Tour, June 7-11, 2021!
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