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**TECHNICAL INFORMATION**

To allow for a more prompt and effective fulfillment of your request **we kindly ask you to answer below questions and send them to:**

**Based on your input, we will provide you with a rough estimate of the feasibility and time estimate of the scan and arrange for a trial scan appointment which is free of charge.** On the trial scan day, we try to optimize the scanning parameters to obtain the best quality images to meet your objectives. We provide you with **a jpeg based on the 3D scanned images** for your review.

Based on the results of the trial scan and your feedback, we will inform you about a better estimate of the scan quality and scanning time that you can use to estimate your total scanning cost and time.

**If you are required to do analysis of images** (for calculation of specific parameters such as bone mineral density, closed pore porosity, average pore size etc. ), which requires the post processing of scanned images and the use of various software to meet your specific needs; we can provide you with the evaluation and planning of the post analysis. **For the post analysis of all samples we provide you with a remote access to required software and give you the procedure/instructions that you can use repeatedly to do further analysis yourself (for 15 days).**

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| 1 | What is the maximum **size** of the object to be scanned? Please specify height, width and depth. | Height |  |  |
| Width |  |  |
| Depth |  |  |
| 2 | **How many** samples would you like to scan? |  | |  |
| 3 | What is the **material composition** of the object to be scanned? Please specify what materials are making up the entire specimen (e.g. dentin, ceramic, air/cavities, filler material made of …., carbon based fiber, polymer based epoxy, bone made of trabecular etc.) | Material # 1 | |  |
| Material # 2 | |  |
| Material # 3 | |  |
| Material # 4 | |  |
| 4 | What would you like to **visualize** in the object? (be as specific as possible, e.g. air cavities within the filler material, internal microstructure of trabecular bone in a specific region, etc.) |  | |  |
| 5 | What would you like to **analyze** in the object? (be as specific as possible, e.g. air volume percentage in the filler volume, Bone mineral density of the trabecular bone of the entire object, comparison with control group etc.) |  | |  |
| 6 | Do you have any estimation on the required **resolution** of the images? (20 um, less than 20 um, 40 um or larger) |  | |  |
| 7 | Is there existing literature similar to your studies carried out with micro-CT, what are the settings used in these studies?  (Resolution, Scan voltage current and  Exposure time, Average scan, time) |  | |  |