



	<b>Experiment title: STRUCTURAL REACTIONS OF CORTICAL AND CANCELLOUS BONE ADJACENT TITANIUM DENTAL IMPLANTS USING X-RAY MICROTOMOGRAPHY</b>	<b>Experiment number:</b> ME - 583
<b>Beamline:</b> ID19	<b>Date of experiment:</b> from: 30-06-2003                      to: 01-07-2003	<b>Date of report:</b> 28-08-2003
<b>Shifts:</b> 3	<b>Local contact(s):</b> Dr. Elodie BOLLER	<i>Received at ESRF:</i>
<b>Names and affiliations of applicants (* indicates experimentalists):</b> <b>Franco ZANINI* – Elettra (Trieste, Italy)</b> <b>Lorenzo TESEI* – Istituto Teseo (Trieste, Italy)</b> <b>Adriano MULLONI – Plan 1 Health (Amaro, Italy)</b>		

**Report:**

**during the three shifts assigned at ID19 we were able to collect all the data needed for our preliminary study, thanks to the quality of the instrumentation and to the collaboration of Dr. Elodie Boller, who assisted us during the setup and the training. The data analysis needs additional software we are still writing, but the raw data from the tomographic collections are extremely promising. We plan to submit a new report as soon as we will be able to correlate the structural data with the medical questions.**

