

2. Important 1983. Paris. Garancière. September. French TV info 8 PM Antenna 2 « premiere »

This film was made by French television live and at a conference. (OV with English subtitles):

This is the **first presentation in the world (world first)** of a **complete dental CadCam system**, live and in congress, able to manufacture a crown adapted in its theoretical environment and using the 3 steps of modern dental CFAO (optical footprint, CAD and machining).

It was not carried out in a confined and uncontrollable environment of an R&D laboratory, but during a congress in September 1983 at the Paris VII dental faculty during the «9th Garancière interviews» room (Amphi B then A and Room 2e G). This presentation was the subject **of a live television broadcast on the television news of Antenne 2** the same evening (France) and of a worldwide dissemination of information (see press clippings and video 3). In front of more than 150 dentists and with the help of a model of feasibility (POC – Prouve Of Concept) of a dental CAD CAM system, **the extrados of a crown adapted to a theoretical and occlusion environment were performed.**

Was used separately :

1. An optical Print of an optical moiré preparation was **used our dual IOS camera** (vestibular and lingual) which we developed with the companies Fort and Thomson CSF,

2. A modeling of the surfaces of an intrados and an extrados of a crown in an upper and lower hemisphere in occlusion using a terminal communicating with Euclid volume CAD software, a dental version that we developed with Matra-Datavision and a Digital Equipment computer (Boston) located 15 km from Paris (**Ulis go Workflow**),

3. Machining the metal extrados with a Etecma milling machine 3-axis and its numerical control tool located in the faculty (**Ulis back Workflow**), that we had quickly adapted for dental machining in laboratory or office (change of tools by hand).