



TECHNICAL FACTSHEET

Akadentia is an ISO 9001 – certified dental clinic founded by two Professors with over 22 years of clinical experience working on the latest, state-of-the-art, medical equipment.

All the waters in the clinic are sterilized by UV; we have a magnetic water conditioner installed.

All the hand pieces are cleaned and sterilized in Sirona DAC Universal. All other critical tools are cleaned in an ultrasonic device, packed with W&H Seal 2 and sterilized in the B class steam autoclave W&H Lina.

All our radiography equipment is digital. Our tomography device, Instrumentarium Orthopantomograph OP300 Maxio, takes 13-15 cm 3D CTs with a sensitivity of 80 micron, which allows us to see even the root canals. Panoramic, cephalometric, bitewing, PA and hand/wrist are also taken by the same device.

We use Soredex Digora Optima for scan imaging plates for periapical radiography.

We have three Dentsply Sirona Intego Pro dental units.

For root canal treatments, retreatments, periimplantitis treatment and dental hypersensitivity treatments we use diode laser Sirolaser Xtend.

We use W&H Piezomed device for autogenous block graft applications, which causes no harm to nerves, is antibacterial, effective with hemostasis, post operational oedema and pain. We are planning to use piezosurgery for dental implant placement soon.

For bone surgery, such as implant placement or impacted tooth surgery, we use W&H Implantmed device. We use ALL centrifuge for I-PRF and A-PRF.

We use VHF N4 for CAD/CAM chairside prosthesis production, which allows to simultaneously produce up to three crowns or bridges. We take digital impression with CareStream 3600.

We have our own porcelain oven, Ivoclar Vivodent Programat P310.

Our software for digital dental design is ExoCAD, and we use Apple iMac computers.

We use Zeiss loop with LED system for dental treatments.

We use a Canon 600D Eos camera with SIGMA 105 mm 1:2.8 D6 macro HSM lens and Macro Twin light MT26EX-RT flash for our dentistry photography.

Dentaram Polyclave is used for Occlusal splint/night guard.

For the needs of the clinic, we have two Surgical vacuums DurrDental VS 300, and a DurrDental Tornado 4 compressor.

Our information system includes an HP server, security camera network, SonicWall firewall, and a 15 KWT uninterrupted power supply device Emerson Liebert GXT MTH.