

MDA

Management Development Apparatus

di Riccardo Blasi

Digital Motorized Isocentric 3D Surgical C-Arm

**15 kW with dynamic flat panel
(DMI3DSCA)**



Digital Motorized Isocentric 3D Surgical C-Arm

Meccanica

- Motorized isocentric 3D C-arm made in carbon fiber, depth > 70 cm
- Displays position of the C-arm in the 3D space

Rx emission

- Very high thermal capacity and dissipation X-ray tubes
- High frequency pulsed X-ray generator, 15 kW or more

Imaging

- 16.000 grey levels (14 bits) controlled in real time
- Acquisition up to 30 img/s
- Angiographic software
- Real time landmark
- Real time DSA
- Automatic and anatomical programs of new generation
- Progressive displays 1280x1024 pixels CRT and/or LCD

Post processing

- Complete real time elaboration software under Windows
- Supports any Dicom 3 class
- Masterizer
- Pictures print
- Upload pictures to Ethernet network

Remote diagnosis

- By LAN or internet WAN

Dose reduction

- This is built with a very new technology and due to a very high dynamic range, definition and pixel depth, reduces meaningfully the Rx dose
- Dose reduction allows higher workload

