Applications of Metal Additive Manufacturing in Veterinary Orthopedic Surgery
Computed Tomography (CT) - 3D visualization

Moscow Watchdog - Sarcoma

Mongrel - Bone fracture

Moscow Watchdog - Sarcoma

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Surgery planning
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Implant modeling
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Trabecular structure and surfaces types
Topology Optimization and Unique Meso-Structural Designer
Titanium 3D Printing (Ti6Al4V)

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Post-processing of titanium implant

Removal of support structure

Machining

Polishing

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Surgery simulation

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Cutting and drilling guides

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WARNING
video contains scenes of surgery
Results

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