

Microvascular reconstruction of bone defects – a single centre 10-year results

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Microvascular reconstruction of bone defects in the head and neck region is challenging and there have been a lot of innovations in the last decade. Virtual planning has become the standard in bony reconstructions and it helps in achieving more accurate results as well as shortening operative and ischemia times. Retrospectively, we reviewed microvascular reconstructions of bone defects at the Department of maxillofacial and oral surgery in Ljubljana, performed in the 10-year period between 2011 and 2021. Out of 362 microvascular flaps done, there were 146 bony reconstructions. We present the workflow from diagnostics to planning, the choice of flaps and success rates of our microvascular reconstructions.