| Patient 1 | Diagnosis                        | Age & Gender | Resection                  | Approach | Materials                                                                 |
|-----------|----------------------------------|--------------|----------------------------|----------|---------------------------------------------------------------------------|
|           | Osteoradionecrosis of the mandible with chronic osteomyelitis | 62 year old Male | Right hemi-mandibulectomy | Extraoral | Cutting guides: Polyamide Plate: Pre-bent 2.5 mm reconstruction plate |
| Patient 2 | Odontogenic Myxoma               | 44 year old Male | Left hemi-mandibulectomy  | Intraoral | Cutting guides: Polyamide Plate: Laser melded CPSSP titanium bar         |
| Patient 3 | Benign Odontogenic Neoplasm      | 72 year old Male | Right hemi-mandibulectomy | Intraoral | Cutting guides: Polyamide Plate: Laser melded CPSSP titanium bar         |
| Patient 4 | Osteoradionecrosis of the mandible with chronic osteomyelitis | 59 year old Male | Left hemi-mandibulectomy  | Intraoral | Cutting guides: Polyamide and Titanium Plate: Laser melded CPSSP titanium bar |
| Patient 5 | Osteoradionecrosis of the mandible with chronic osteomyelitis | 73 year old Male | Right hemi-mandibulectomy | Extraoral | Cutting guides: Polyamide and Titanium Plate: Laser melded CPSSP titanium bar |