

Sanatmetal ®

Manufacturer of Orthopaedic and Traumatologic Products



Sanat P.I.N. Pediatric Intramedullary Nail

Special features of pediatric bone

- Open epiphysis – no intramedullary nailing is indicated
- Ability to remodel up to 10 degrees

Pediatric osteosynthesis

- The aim is the adequate stabilization and reposition
- With minimal invasion to the child's body and social life – visual comfort.

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- 3 point fixation principle
- Stabilizes the fracture
- Flexibility allows micro movements
- Lateral insertion possible

Indications

- Femur diaphysis, subtrochanter region and distal metaphysis
- Tibia and femur diaphysis and distal metaphysis
- Humerus diaphysis, supracondylar and subcapital regions
- Ulna and radius diaphysis
- Radius head
- Clavicula

Loading conditions

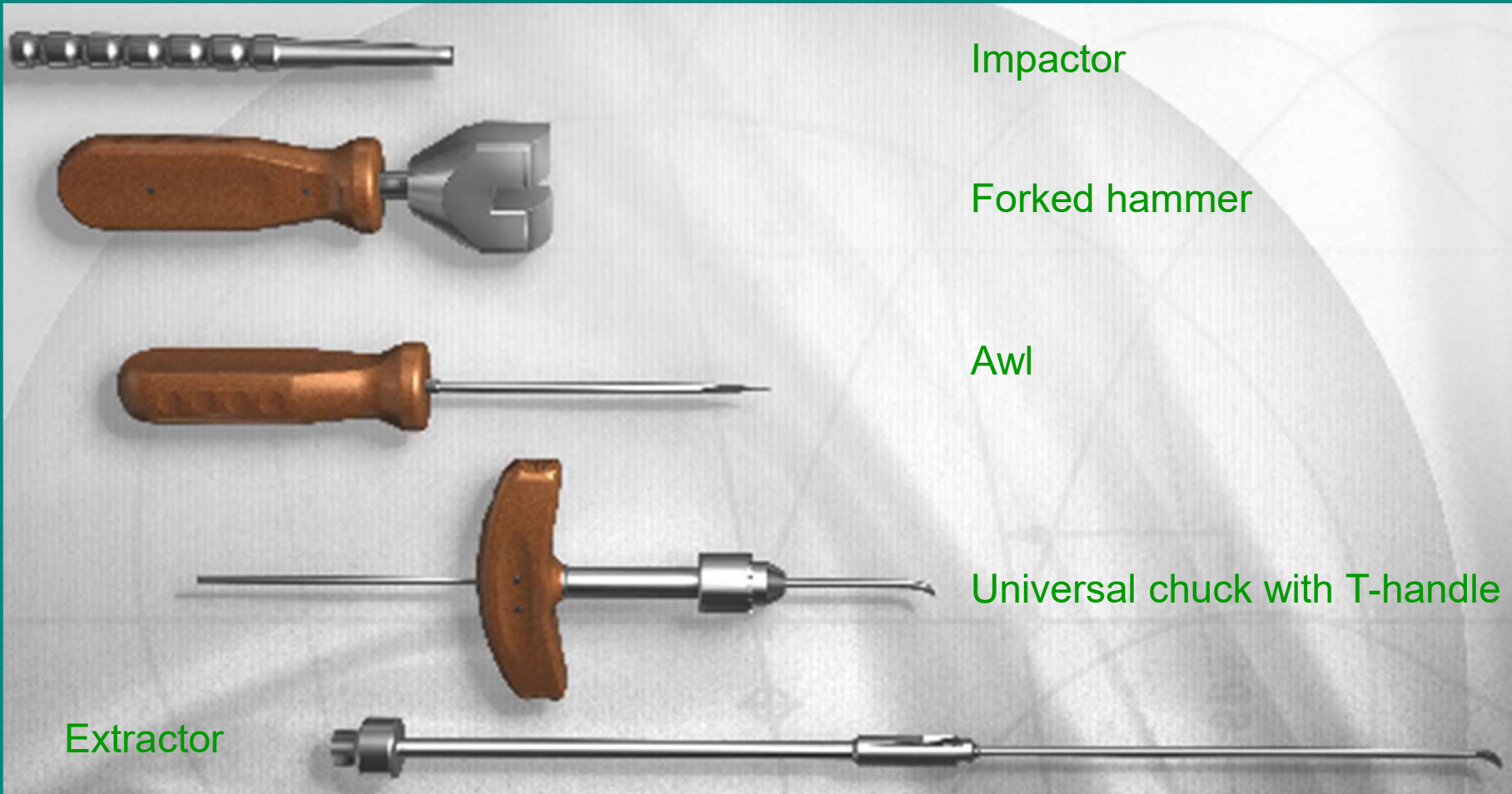
- Normal everyday activity load after the operation
- Full load: 3 weeks after the operation
- Implant removal: 3-4 months after operation

Selection of sizes



Length: 70-450mm 20mm steps

Instruments



Impactor

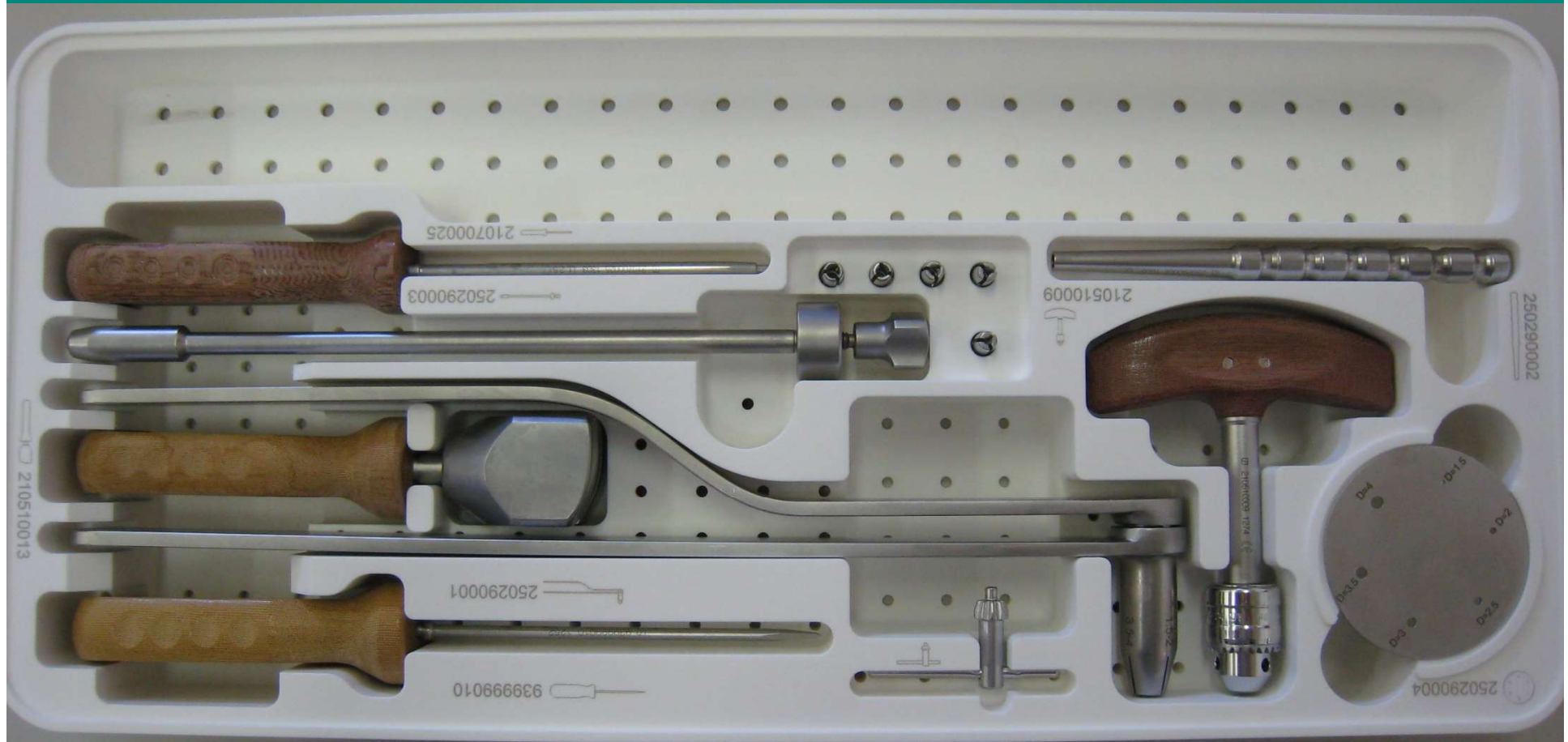
Forked hammer

Awl

Universal chuck with T-handle

Extractor

Instrument tray



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Reliable implant

- Easy introduction, the tip of the implant is rounded thus enters narrow intramedullary canal without difficulty.
- Strong fixation, nail elasticity is guaranteed by special Titanium alloy.
- Wide implant selection for treating any size of bone.

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Complete set of instrument from bone opening through insertion to nail removal

- Simple and safe instruments
- T wrench with chuck controls nail insertion axially and in rotation.
- Durable instruments, the use of hammer is possible during insertion and removal
- Special device for implant removal

Advantages

- Allergy against Titanium is not known
- Non-magnetic, safe for MR and electro therapy
- Higher tissue tolerance in case of Titanium than other implants
- Minimal invasive method, minimal risk of secondary tissue damages, infections and other complications

Advantages

- Short immobilization and healing time
- Low operative cost
- Favorable comfort and visual appearance
- Anodized Titanium implant is even stronger
- Color coding for different diameters