**Tasks**

1. **Destroyed coupling mechanism**
   Insert conical extraction bolt (a) in screw head and try to remove screw

2. **Broken screw removal procedure**
   Remove bone around screw with appropriate sized hollow reamer (b)
   Use extraction tube (c) to remove screw shaft

**Learning outcomes**
- Identify the function of different instruments to aid screw removal
- Remove screw with destroyed coupling mechanism
- Remove broken screw

**Take-home message**
- Use undamaged screw driver
- Clean hexagonal coupling mechanism of screw head
- Everything in the removal set is left threaded

**Problem 1**
Destroyed hexagonal coupling mechanism of screw head

**Problem 2**
Broken screw, screw shaft stuck inside bone
Damaged implant removal

Challenges and solutions (Option 2)

Tasks

1. **Destroyed coupling mechanism**
   Insert conical extraction bolt (a) in screw head and try to remove screw

2. **Broken screw removal procedure**
   Remove bone around screw with appropriate sized hollow reamer (b)

Learning outcomes

- Identify the function of different instruments to aid screw removal
- Remove screw with destroyed coupling mechanism
- Remove broken screw

Take-home message

- Use undamaged screw driver
- Clean hexagonal coupling mechanism of screw head
- Do not use a power drill

Problem 1

Destroyed hexagonal coupling mechanism of screw head

Problem 2

Broken screw, screw shaft stuck inside bone

This option is available in Europe and the Middle East only.