Iliac Screw

Technical Manual

Fule 富乐

专注骨科事业

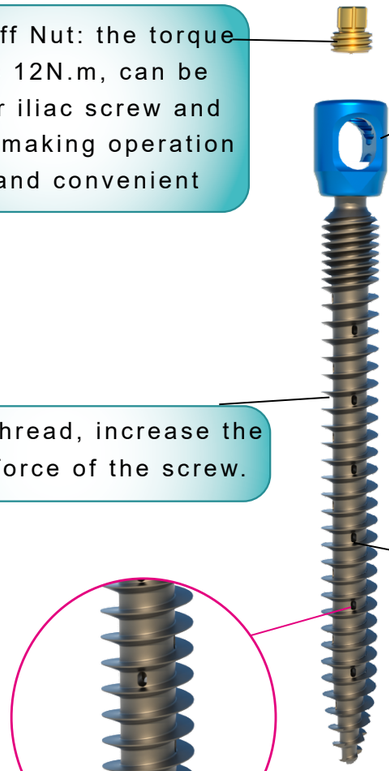
Why Choose Fule?
Fule advantage

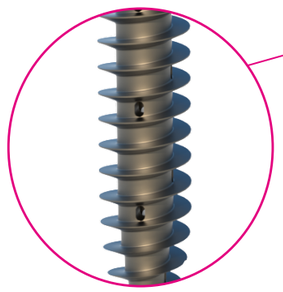
- Beijing Fule is a national high-tech enterprise integrating R&D, production and sales ofmedical equipment, and has a production line of fully intelligent processing equipment.
- The academician expert studio was established to help Fule improve its research and development capabilities, andfurther deepen the cooperation of production-academy-research; it was approved as a post-doctoral research station.
- The hardware facilities are complete, the R&D team is excellent, and the clinical experts workclosely with more than one hundred domestic and foreign patents.
- Based on the agent cooperation model, it has established a nationwide sales and service network, and its products aresupplied to nearly a thousand tertiary hospitals across the country and exported to more than 20 overseas countries.

Contents

Products Advantage

- Break off Nut: the torque reaches 12N.m, can be used for iliac screw and shifter, making operation simple and convenient
- Can be used with φ 5.5/6.0/6.5 connecting rods and shifter.
- Double thread, increase the holding force of the screw.
- Cannulated with bone cement hole, can be used with bone cement to effectively deal with osteoporosis.





FuleS 富乐®

Products Advantage

- In principle, when the iliac screw is implanted, the direction of the screw is from back to front, and from bottom to top.

IFU

【Indications】

Lumbar-Sacral spine degeneration

Lumbar-Sacral slip

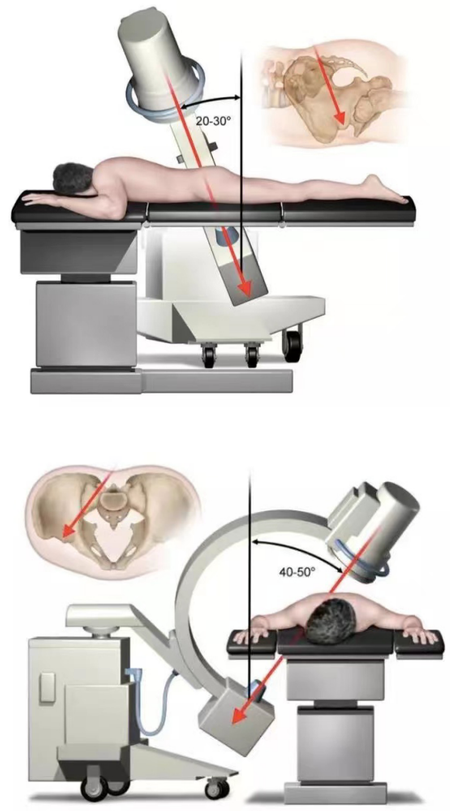
Lumbar-Sacral deformity

Lumbar-Sacral tumor

Surgical Technical

【Step 1】 Position

- Prone position, the lumbar spine and ilium are properly elevated, the skin is incised, and the surgical site is exposed. (1a)

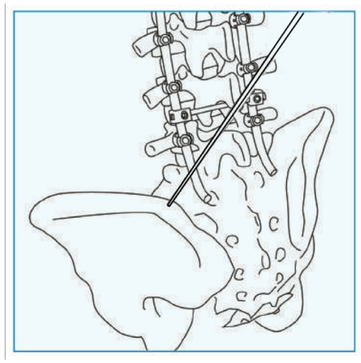


1a

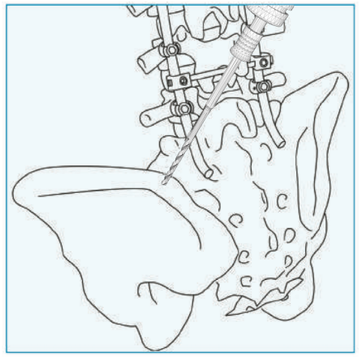
Surgical Technical

【Step 2】 Establish Screw Path

- Determine the screw entry point by Xray, place the Kirschner wire. (2a)
- Use T handle or T ratchet handle to connect the cannulated drill for drilling. (2b)



2a



2b

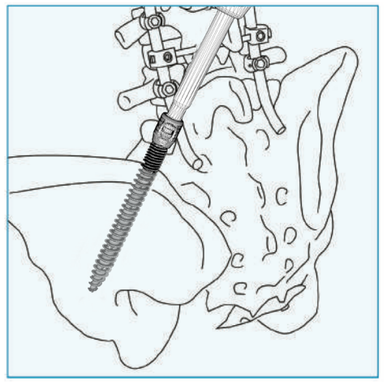
Fule 富乐

Surgical Technical

【Step 3】 Screw Implantation

- Assemble T handle or T ratchet handle, the iliac screwdriver and the iliac screw. (3a)
- Making the screw implanted into the screw path. (3b)

3a



3b

Surgical Technical

【Step 4】 Correction-Adjustment

- Remove the iliac screwdriver, through the clinical judgment or X-ray, determine whether the screw implantation is accurate or not.(4a)

- If bone cement is required, the cement injector can be used. (4b)

4a

4b

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Surgical Technical

【Step 5】 Choice of Connecting rods and Shifter

- A :If the lumbar fixationextension rods (which can be bent appropriately) can fit with the iliac screw, then there is no need to use shifter.

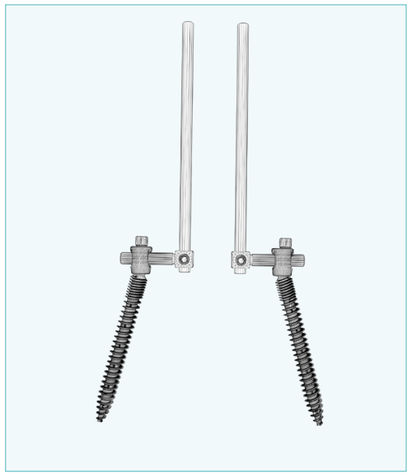
- B: If the extension rod (which can be properly bent) for lumbar spine fixation cannot be matched with the iliac screw, then a shifter is required to connect the iliac screw and the rod.(5a)

5a

Surgical Technical

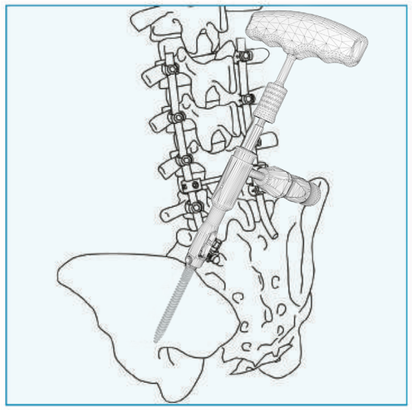
【Step 6】 Locking

- After the connecting rod or shifter is assembled with the iliac screw, please perform final locking. The break off nut is used for final locking, which is also suitable for the shifter and the iliac screw. (6a)



6a

- Use the T handle or T ratchet handle to connect the screwdriver for nut (the screwdriver for nut has a self-holding function), and cooperate with the counter torque for final locking.(6 b)



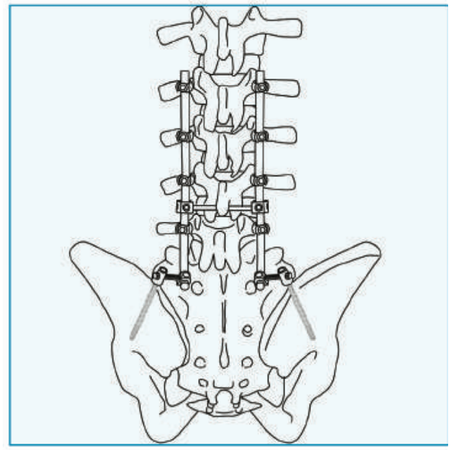
6b

Fule 富乐

Surgical Technical

【Step 7】 Surgery Completed

- Surgery completed, please check the final fixation structure. (7a)



7a

Product Information

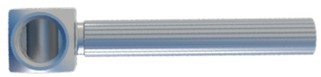
● 【 Iliac Screw 】

Size	Product Code	Color
6.5-φ10×90	92100056	Blue/Black
6.5-φ10×100	92100057	Blue/Black

● 【Break off Nut】

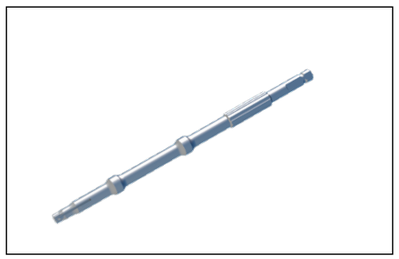
Size	Product Code	Color
Φ9	92100048	Golden

● 【 Shifter 】

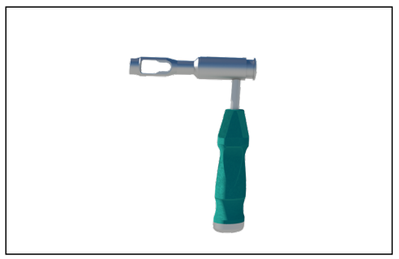


Size	Product Code	Color
Φ6.5×30	92100049	Silver
Φ6.5×40	92100050	Silver

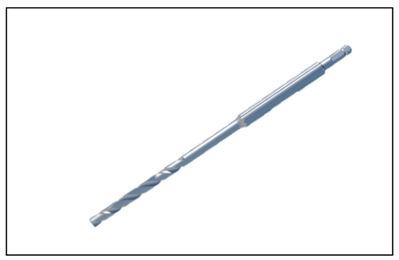
Instruments



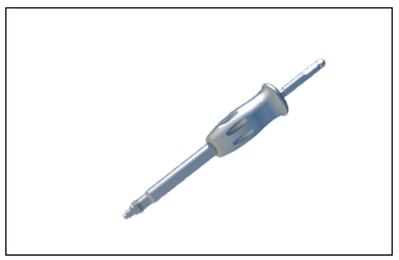
● 117-030
Screwdriver for Nut



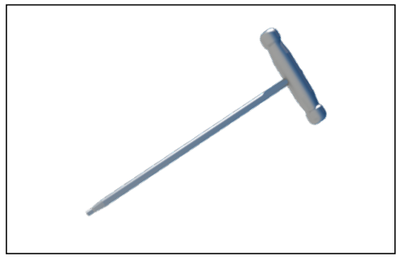
● 117-040
Counter Torque



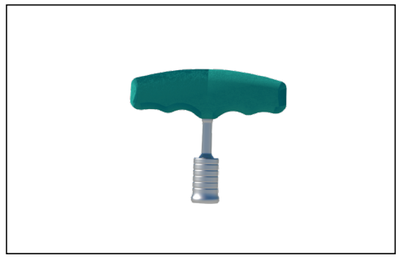
● 117-050
Cannulated Drill φ6



● 117-060
Iliac Screwdriver



● 117-080
Correction Screwdriver



● 102-204
T Handle

● 101-248
T Ratchet Handle