Chirurgie mini-invasive des tissus mous à la main et au poignet

Kiyohito NAITO (Japan)
Advances in Minimally Invasive Treatment of Dupuytren Disease

Steven E.R. Hovius, MD, PhD, Chao Zhou, MD
Mini invasive and incision surgery in Hand

- Adhesions
- Ligamentotaxis
- Cosmetic

Mini invasive and incision surgery in Hand

We need **Working space** and **Instruments**.
Arthroscopy

Pr Masaki WATANABE
The Father of Arthroscopy
The Robotic Assisted Micro- & Endoscopic Surgery
The Limitations in Robotic Microsurgery
The Application of Endoscopic Surgery

Robotic intercostal nerve harvest: a feasibility study in a pig model

Hideaki Miyamoto, MD,² Thomas Serradori, MD, Yoji Mikami, MD, PhD,² Jesse Selber, MD, Nicola Santelmo, MD,² Sybille Facca, MD, PhD, and Philippe Liverneaux, MD, PhD

ANTERIOR TRANSPOSITION OF THE ULNAR NERVE WITH ENDOSCOPIC ASSISTANCE

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Robotic intercostal nerve harvest: The first case in Japan
Visualization using ultrasonography

Recent advance

Surgical ultrasound-guided carpal tunnel release

Libération du canal carpien sous échographie

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Visualization using ultrasonography
Summary - Mini invasive and incision surgery in Hand

For mini-invasive surgery

Advantages
- Early return to activity of daily life
- Easy to move to rehabilitations

Disadvantages
- Make and maintain the working space
- Ideas for effective use of instrumentations