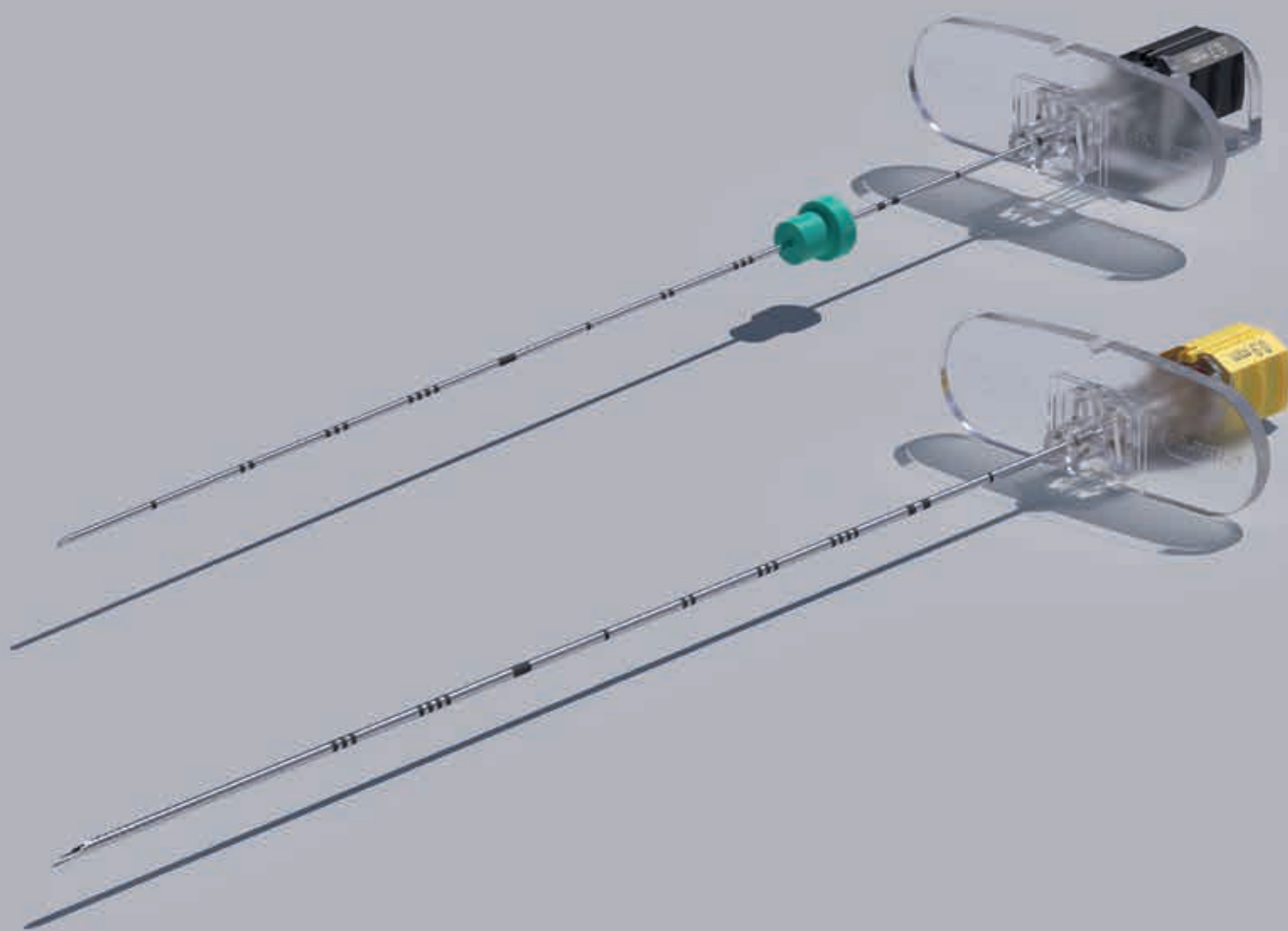


## ChibaSono & Chiba

*Fine Needle  
Aspiration Biopsy*



# Echogenic & Non-echogenic Chiba Needles

Ultrasound guided biopsies have been increasing in the recent years. Together with Dr. Chris Mitchell, PAJUNK® has developed the ChibaSono, a new generation of needles that allow for a precise localisation under ultrasound. Needle and tip design allow the user to focus on the procedure and patient by making the tip visualisation under ultrasound faster, easier and safer. The wide range of ChibaSono and Chiba needles offer the optimal tool for percutaneous cholangiography, cytological biopsy and general percutaneous applications.

## Clear Plastic Hub

→ Early detection of liquid flow

## Depth Stop and Depth Markings

- Adjustable for easy determination of puncture depth
- Markings in 1 cm steps for easy reading and identification

## Detachable Plastic Wings

→ Optimum handling for different gripping techniques

## Retaining Clip (optional)

→ Fixation of stylet and needle

## Cornerstone Reflectors

360 degree graduations on the first 20 mm of the needle

- Optimised ultrasound visibility of needle shaft<sup>1</sup>
- Reliable and optimised needle visualisation at any angle<sup>2,3</sup>

## Echogenic Needle Tip

US tip with two inclination angles

- Improves needle tip visibility under ultrasound

## Precision-Ground Metal Stylet

Minimised tissue coring

- Smooth tissue gliding characteristics

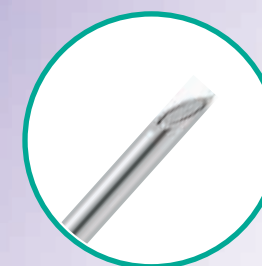


## AVAILABLE OPTIONS

### Tip options for Chiba:

#### Beveled Tip

- ▶ Designed for fluoroscopy guided procedures
- ▶ Precision-ground metal stylet
- ▶ Minimized tissue carry-out into the puncture
- ▶ Increased needle stability



#### US Tip

- ▶ Special grinding with two inclination angles improves needle tip visibility under ultrasound
- ▶ Rounded, blunt stylet – set back from tip



1. Fuzier R. et al. The echogenicity of nerve blockade needles. Anesth. 2015; 70: 462–466  
2. Uppal V. et al. Effect of beam steering on the visibility of echogenic and non-echogenic needles: a laboratory study. Can. J. Anesth. 2014 Oct; 61 (10): 909–915  
3. Hebard S., Hocking G. Echogenic technology can improve needle visibility during ultrasound-guided regional anesthesia. Reg. Anesth. Pain Med. 2011 March–April; 36(2): 185–189

## ChibaSono & Chiba

### ChibaSono

with US tip, Cornerstone  
Reflectors, depth markings  
and wings

Size	Item no.	PU
22G x 50 mm (2")	530S070050	25
22G x 90 mm (3 1/2")	530S070090	25
22G x 100 mm (4")	530S070100	25
22G x 150 mm (6")	530S070150	10
22G x 220 mm (8 2/3")	530S070220	10
20G x 90 mm (3 1/2")	530S095090	25
20G x 150 mm (6")	530S095150	10
20G x 220 mm (8 2/3")	530S095220	10
18G x 150 mm (6")	530S120150	10

### ChibaSono

with beveled tip, depth  
stop, depth markings,  
retaining clip and wings

Size	Item no.	PU
20G x 120 mm (4 3/4")	532S095150	10
20G x 150 mm (6")	532S095120	10
18G x 90 mm (3 1/2")	532S120090	10
18G x 150 mm (6")	532S120150	10
18G x 220 mm (8 2/3")	532S120220	10

### Chiba

with beveled tip,  
retaining clip and wings

Size	Item no.	PU
22G x 90 mm (3 1/2")	201S070090	25
22G x 150 mm (6")	201S070150	10

### Chiba

with beveled tip, depth  
stop, depth markings,  
retaining clip and wings

Size	Item no.	PU
22G x 120 mm (4 3/4")	202S070120	10
22G x 150 mm (6")	202S070150	10
20G x 150 mm (6")	202S095150	10
20G x 220 mm (8 2/3")	202S095220	10
20G x 280 mm (11")	202S095280	10

### Chiba

with US tip, retaining clip  
and wings

Size	Item no.	PU
22G x 220 mm (8 2/3")	200S070220	10



**Scan now!**

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