

# Gangi-SoftGuard<sup>®</sup>

Coaxial Needle

Safe & effective needle placement  
for hard-to-reach targets<sup>1)</sup>



## Indication for use

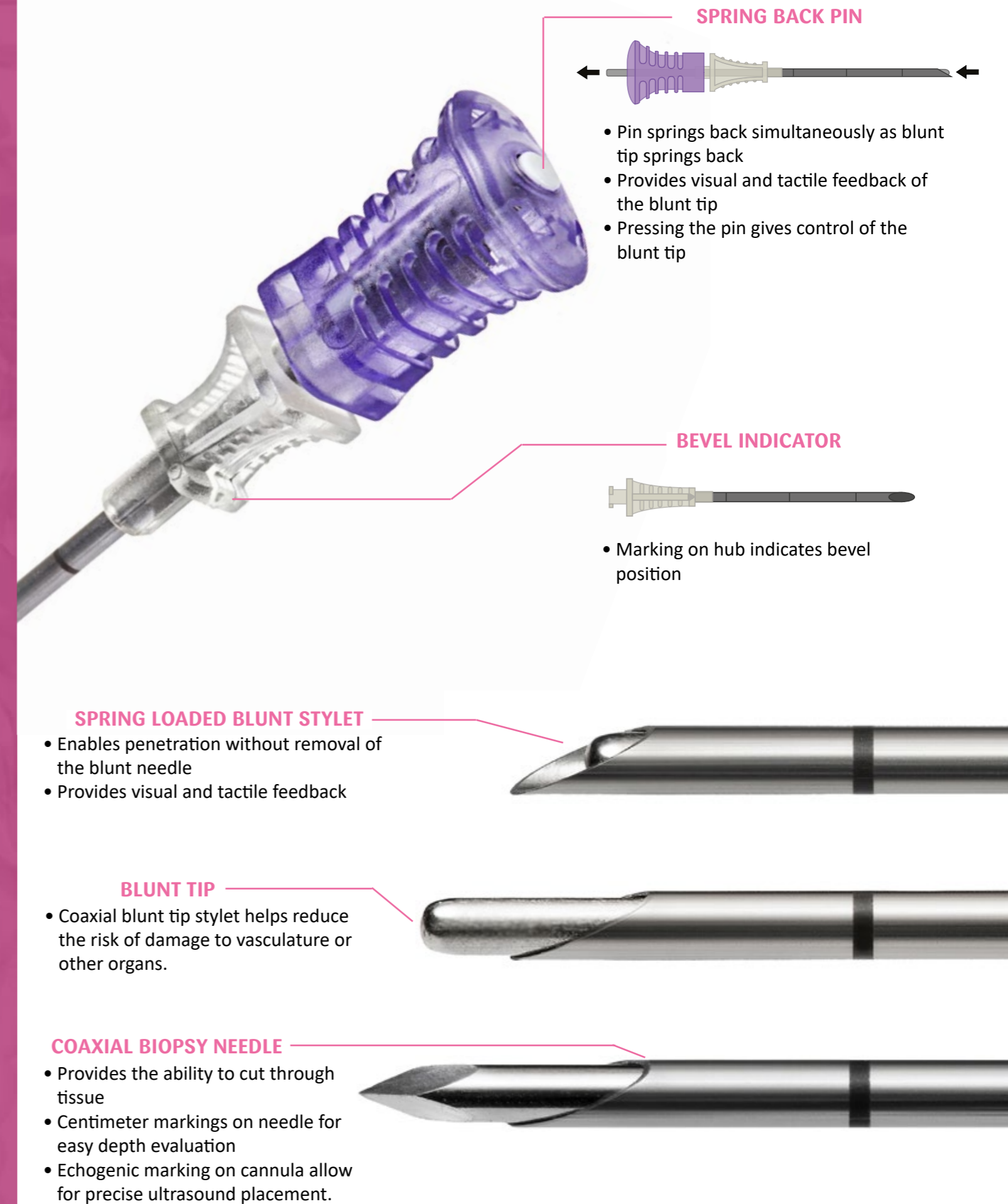
As a guiding needle in obtaining core biopsy samples from soft tissue such as liver, kidney, spleen, lymph nodes and various soft tissue lesions.



**AprioMed**

## Device description

Gangi-SoftGuard® combines the well-known technique of a coaxial biopsy needle with an all new spring loaded blunt tip stylet providing more control during soft tissue biopsy.



## TECHNICAL SPECIFICATIONS

Package contents:

- Blunt springloaded stylet
- Trocar stylet
- Needle
- Reference guide

### Gangi-SoftGuard®, 12G

Needle inner diameter: 2.48 mm  
 Total needle length: 12.1 cm  
 Free needle length: 9.6 cm  
 Suitable biopsy device size: 13G

### Gangi-SoftGuard®, 13G

Needle inner diameter: 2.18 mm  
 Total needle lengths: 7.1 cm, 12.1 cm, 17.1 cm  
 Free needle length: 4.6 cm, 9.6 cm, 14.6 cm  
 Suitable biopsy device size: 14G

### Gangi-SoftGuard®, 15G

Needle inner diameter: 1.73 mm  
 Total needle lengths: 7.1 cm, 12.1 cm, 17.1 cm  
 Free needle length: 4.6 cm, 9.6 cm, 14.6 cm  
 Suitable biopsy device size: 16G

### Gangi-SoftGuard®, 17G

Needle inner diameter: 1.33 mm  
 Total needle lengths: 7.1 cm, 12.1 cm, 17.1 cm  
 Free needle length: 4.6 cm, 9.6 cm, 14.6 cm  
 Suitable biopsy device size: 18G



12G



13G



15G



17G

## ORDERING INFORMATION

Product number	Product description	Minimum Order Quantity
SG12-121	Gangi-SoftGuard® 12G 12.1 cm	5 units
SG13-071	Gangi-SoftGuard® 13G 7.1 cm	5 units
SG13-121	Gangi-SoftGuard® 13G 12.1 cm	5 units
SG13-171	Gangi-SoftGuard® 13G 17.1 cm	5 units
SG15-071	Gangi-SoftGuard® 15G 7.1 cm	5 units
SG15-121	Gangi-SoftGuard® 15G 12.1 cm	5 units
SG15-171	Gangi-SoftGuard® 15G 17.1 cm	5 units
SG17-071	Gangi-SoftGuard® 17G 7.1 cm	5 units
SG17-121	Gangi-SoftGuard® 17G 12.1 cm	5 units
SG17-171	Gangi-SoftGuard® 17G 17.1 cm	5 units



Indication for use: As a guiding needle in obtaining core biopsy samples from soft tissue such as liver, kidney, spleen, lymph nodes and various soft tissue lesions. Before using Gangi-SoftGuard® read the instructions for use which accompany the product for indications, contraindications, warnings and precautions. Gangi-SoftGuard® is a registered trademark of AprioMed AB. Patents pending.

References:

1. Roberto Luigi Cazzato, Julien Garnon, Behnam Shaygi, Jean Caudrelier, Salem Bauones, Georgia Tsoumakidou, Guillaume Koch and Afshin Gangi (2017). Performance of a New Blunt-Tip Coaxial Needle for Percutaneous Biopsy and Drainage of "Hard-To-Reach" Targets. Cardiovasc Intervent Radiol 2017

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