

# Gangi-HydroGuard<sup>®</sup>

Coaxial Needle

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



## Indication for use:

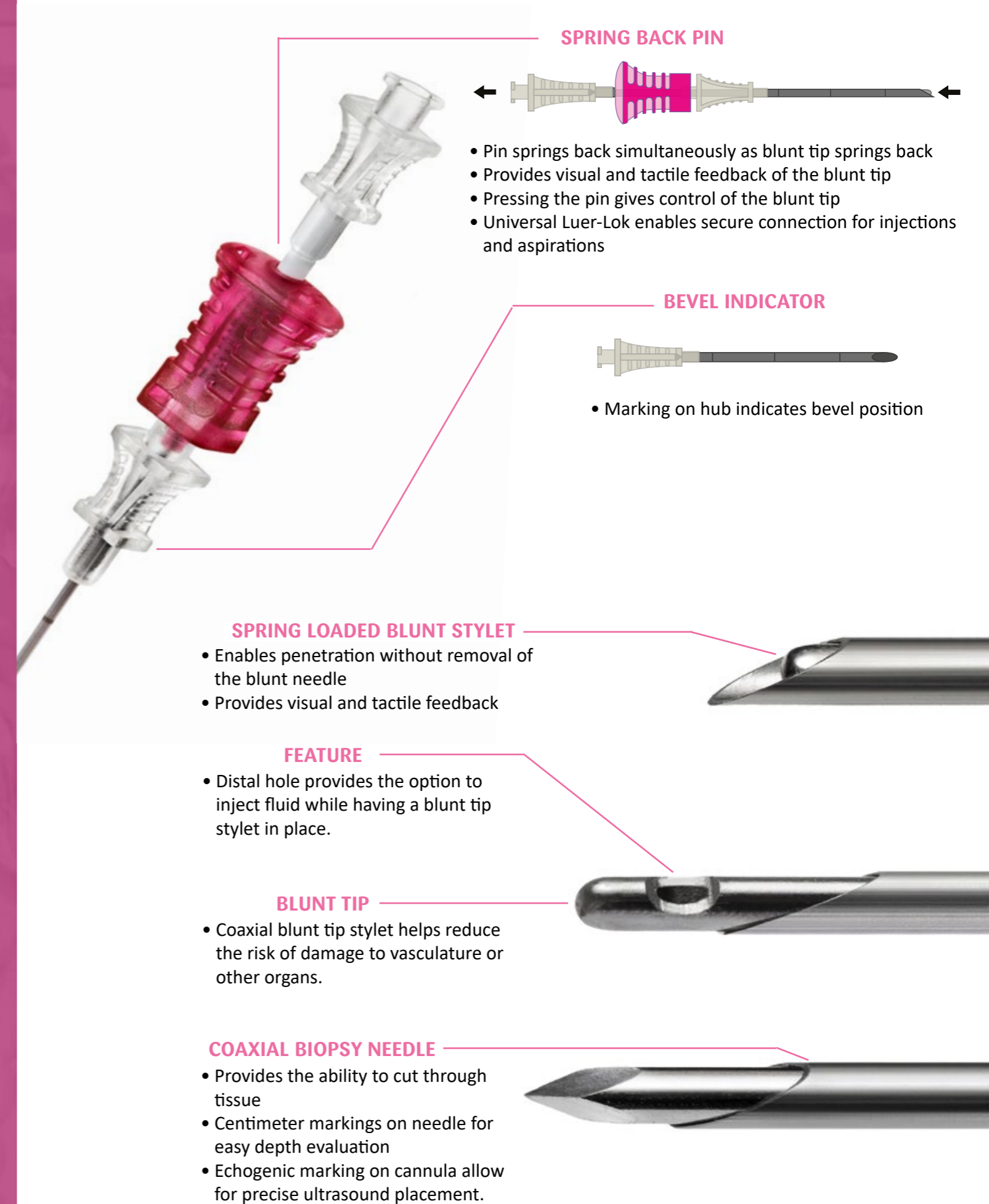
As a guiding needle in obtaining core biopsy samples from soft tissue such as liver, kidney, spleen, lymph nodes and various soft tissue lesions.



**AprioMed**

## Device description

Gangi-HydroGuard® 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:

- Hollow blunt springloaded stylet
- Trocar stylet
- Needle
- Reference guide

### Gangi-HydroGuard®, 15G

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

### Gangi-HydroGuard®, 17G

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



## ORDERING INFORMATION

Product number	Product description	Minimum Order Quantity
HG15-121	Gangi-HydroGuard® 15G 12.1 cm	5 units
HG15-171	Gangi-HydroGuard® 15G 17.1 cm	5 units
HG17-121	Gangi-HydroGuard® 17G 12.1 cm	5 units
HG17-171	Gangi-HydroGuard® 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-HydroGuard® read the instructions for use which accompany the product for indications, contraindications, warnings and precautions. Gangi-HydroGuard® 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

#### HEAD OFFICE

AprioMed AB  
Virdings Allé 28  
SE-754 50 Uppsala, Sweden  
Phone: +46 18 430 14 40  
Free Fax (Int'l): +46 770 339972

#### US SALES OFFICE

AprioMed, Inc.  
45 South Main St Unit 2  
Derry, NH 03038, USA  
Phone: +1 603 421 0875  
Fax (US toll free): 866 239 1797



info@apriomed.com / www.apriomed.com

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