

# Disposables



Auxiliary material for the laboratory makes working easier or safer. Products for this area, which are intended for single use, are known as disposables or consumables.

You would like further details? To access more information using your smartphone or tablet  
[www.berner-safety.de/consumables](http://www.berner-safety.de/consumables)

## CONSUMABLES FOR THE LABORATORY

In a laboratory various tasks require the use of different tools. For example, prep mats offer good protection against the contamination of surfaces, withdrawal cannula make multiple extraction of liquids from vials much easier and spillkits contain the complete set of personal protective equipment for the elimination of spills.



### EXPERT OPINION

Know-How Spikes  
Dr. Jürgen Barth

Pharmacist StIL-Studienzentrale  
Justus-Liebig-University, D-Gießen

#### Spikes without particle filter? - An opinion

„...There are further problems with **spikes containing filters** in the liquid channel. Cytostatics with particulate properties (liposomal formulations, nanoparticles or albumin-bound substances) and suspensions (azacitidine), but also mono-clonal antibodies should not be drawn up using these types of spikes. A suspension remains in the vial. A solution without any active ingredient is drawn up. The same applies to liposomal preparations or the liposomes are destroyed. Also, when drawing up, the (strong) shearing forces may cause the antibodies to be physically altered, damaged or depending on the filter material- absorbed.“

The full text of this expert opinion is available on the web site of Berner International under the following address:  
[www.berner-safety.de/spikes\\_without\\_filter](http://www.berner-safety.de/spikes_without_filter)

NEW



## Withdrawal cannula UltraSpike II

The UltraSpike II was developed for the drip-proof and **complete emptying** of vials. Due to the special side fixing clips the spike is positioned close to the plug of the vial. This means that the vial can be emptied leaving virtually no residual volume without retracting the withdrawal cannula (which would disable the ventilation).

Like all UltraSpikes the UltraSpike II also has a Halkey-Roberts valve. The special valve at the Luer-Lock adapter opens automatically and closes again when disconnecting the syringe. It is non-drip, easy to sterilise and offers increased contamination protection. To provide additional safety for the user, the chemo spikes contain a large 0.1 µm PTFE Paclitaxel-resistant ventilation filter.

**To order** UltraSpike II – with plastic spike, without liquid filter

Order No. (50 pieces)

126217

NEW



## Withdrawal cannula Spike II

The Berner Spike II was developed for the drip-proof and **complete emptying** of vials. Due to the special side fixing clips the spike is positioned close to the plug of the vial. This means that the vial can be emptied leaving virtually no residual volume without retracting the withdrawal cannula (which would disable the ventilation).

To protect the user the ChemoSpike contains a large 0.1 µm PTFE Paclitaxel-resistant ventilation filter.

Model without liquid filter for drawing up viscous substances and monoclonal antibodies.

**To order** Spike II – with plastic spike, without liquid filter

Order No. (50 pieces)

126216



## Withdrawal cannula MicroSpike

The MicroSpike has been specially developed for the work with CMR-drugs such as cytostatics, virostatics and monoclonal antibodies etc. and offers maximum protection whilst being easy to handle.

Due to the extra long cannula vials with a narrow neck can also be drained completely and safely (handling similar to a cannula).

The MicroSpike has a particularly small residual "dead-volume" of only 0.17 ml.

**To order** MicroSpike – with extra long cannula, without liquid filter

Order No. (50 pieces)

126215



## Withdrawal cannula UltraSpike

The UltraSpike are state of the art withdrawal cannula. The special valve at the Luer-Lock-adapter opens and closes automatically when connecting or disconnecting the syringe. It is non-drip, easy to disinfect and offers increased contamination protection.

**To order UltraSpike – with plastic cannula and 5 µm liquid filter**

Order No. (50 pieces)	126211
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**To order UltraSpike – with plastic cannula and 5 µm liquid filter**

Order No. (50 pieces)	126212
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**To order UltraSpike SKoF – with metal cannula but without liquid filter**

Order No. (50 pieces)	126213
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## Extra-Spike® Air SK Chemo\*

Multiple withdrawal cannula suitable for chemotherapy with a stainless steel cannula, integrated ventilation and hydrophobic, fibre-free 0.2 µm filter.

Compact form with large external ventilation filter.

**To order Extra-Spike® Air SK Chemo, without liquid filter**

Order No. (50 pieces)	112902872
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## Swabs with high absorbency

The swabs Pagasling are made up of gauze EN 14079, 20-ply, and are from only one piece of medical gauze. The cut edges of the swab are positioned safely on the inside of the swab. The highly absorbent sterile swabs come in packs of four.

**To order Sterile swabs Pagasling**

Size	uni, 4x20 pieces, sterile
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Order No.	H-4812742
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\*Not available in all countries.