Acti-Lance®
Comfort & Safety

ACTI-LANCE® SAFETY LANCETS

Sterile, single-use medical devices
intended for capillary blood sampling

STREFA
high tech lab

MTD
Medical Technology and Devices

Product intended use

Acti-Lance® safety lancets are sterile, single-use medical devices intended for capillary blood sampling. Intended users are healthcare professionals and lay users.

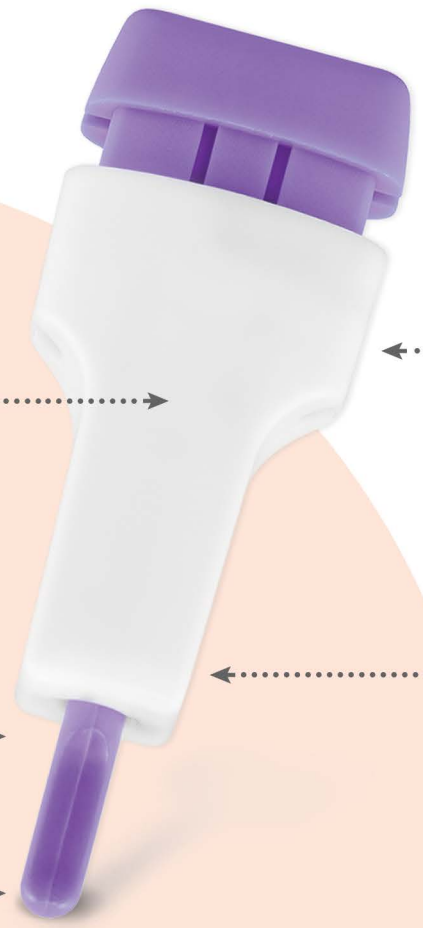
Product Features [1, 2]

Safety

Fully enclosed needle housing to prevent sharps injuries

Long protective cap for easy removal [2]

Protective cap ensures sterility of the lancet



Comfort

Comfortable finger surface for push-button activation

T-shape for firm and intuitive grip [3, 4]

Wide lancet end enables precise and convenient positioning on the test site [3, 4]

Sharps injuries expose healthcare workers to blood-borne pathogens. The Centers for Disease Control and Prevention (CDC) estimates that about 385,000 sharps-related injuries occur annually among healthcare workers in hospitals. [5]

It has been estimated that about half or more of sharps injuries go unreported. Most reported sharps injuries involve nurses, but laboratory workers, physicians, housekeepers, medical students and other healthcare workers are also exposed to injuries. [6]

Sharp injuries can occur before, during or even after use of a sharp and continue to be a serious health and safety hazard. [5]

Sharps injury - facts

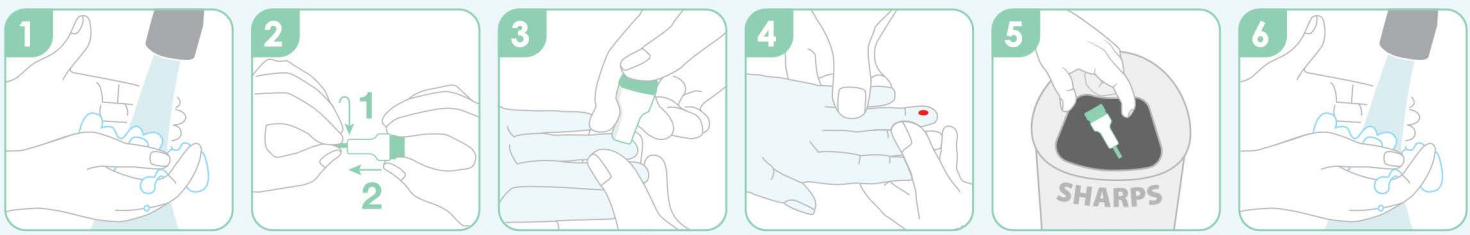
"Over 80% of needlestick injuries can be prevented with the use of safer needle devices, which, in conjunction with worker education and work practice controls, can reduce injuries by over 90%!" [7]

HTL-STREFA is commited to manufacturing safety products designed to reduce or eliminate the risk of exposure to blood-borne pathogens.

Safety lancets, including **Acti-Lance®**, are an integral component to the sharps injury prevention programs in hospitals, clinics, laboratories, doctor's offices and wherever both patients and professionals need to feel safe.

By using safety lancets, needlestick injuries and infections can be minimized. [8]

How to use Acti-Lance®:



1. Wash hands with warm water and soap. Dry thoroughly. Disinfect using an alcohol prep pad, ensure the finger is completely dry prior to lancing. Healthcare professionals, wear gloves prior to disinfecting the lancing site and completing the lancing procedure following the facility's protocol.
2. Twist off the protective cap and pull the protective cap straight out.
3. Press the safety lancet body firmly against the puncture site and push the button to activate the device. Avoid the finger pads, lancing at the side or top of the finger.
4. Gently apply intermittent pressure near the puncture site to obtain the required blood volume.
5. Dispose of the entire safety lancet after use into an approved sharps container in accordance with facility guidelines and local regulations.
6. The user should wash hands with warm water and soap after safe disposal of the safety lancet.

HTL-STREFA developed a lancing procedure that has been clinically proven & increases the expected blood volumes by reducing pain perception at the same time. [3]

Instructions for use and details on the lancing procedure, available at http://htl-strefa.com

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Acti-Lance® is sterile, single-use, push button activated safety lancet intended for capillary blood sampling.

Available in six versions:

Product name	Needle gauge/blade	Penetration depth
Acti-Lance® Lite	28G needle	1.5 mm
Acti-Lance® Universal	23G needle	1.8 mm
Acti-Lance® Normal NEW	21G needle	1.8 mm
Acti-Lance® Extra NEW	21G needle	2.4 mm
Acti-Lance® Fine NEW	17G blade	1.0 mm
Acti-Lance® Special	17G blade	2.0 mm

Always consult with a healthcare professional which size of the device to use for required test blood volume. If used for heel-prick, procedure must be performed by HCP.

References:

1. HTL-STREFA S.A. Data on file. TDS of the Acti-Lance® safety lancets.
2. HTL-STREFA S.A. Data on file. SIMULATED CLINICAL USE STUDY TO EVALUATE SHARPS INJURY PREVENTION FEATURE OFHTL-STREFA'S SAFETY LANCET ACTI-LANCE TYPE 610. Version 01 – January 30, 2019.
3. HTL-STREFA S.A. Data on file. Clinical study report version 1.0 according to the Study Protocol 02Lan2017, April 24, 2018 (appendix)
4. Jarus-Dziedzic K., Zurawska G., Banys K., Morozowska J.: The impact of needle diameter and penetration depth of safety lancets on blood volume and pain perception in 300 volunteers: A randomized controlled trial. Journal of Medical Labor
5. Center for Disease Control and Prevention (CDC): Workbook for designing, implementing, and evaluating a sharps injury prevention program (2008). Available at: https://stacks.cdc.gov/view/cdc/11394
6. Prüss-Üstün A, Rapiti E, Hutin Y J. F. (2003). Sharps injuries: global burden of disease from sharps injuries to health-care workers. Available at: https://apps.who.int/iris/bitstream/handle/10665/42743/9241562463.pdf?sequence=1&is-Allowed=y
7. Getie A., Wondmieneh A, Getachew Tesfaw G.: The Prevalence of Needlesticks and Sharp Injuries, and the Associated Factors Among Midwives and Nurses in North Wollo Zone Public Hospitals, North East Ethiopia: An Institution-based Cross-sectional Study, October 2020
8. Foley M, Leyden A. American Nurses Association – Independent Study Module Needlestick Safety and Prevention (2020). Available on: https://docplayer.net/16948831-American-nurses-association-independent-study-module-needlestick-safety-and-prevention.html

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