

ergo Lance

ergonomy and precision

ERGOLANCE® SAFETY LANCETS

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



Product intended use

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

Product Features

Ergonomy

No release button.
Gentle pressure
activation ^{2, 5}

Concave housing for
comfortable finger recess
maximizes ergonomics ^{2, 5}

Special lancet shape
distracts attention from
the needlestick ^{2, 3, 4}

Precision

Precise placement on
the test site is guaranteed
by the clear visual guiding;
the arrow indicates
movement of the device
towards the puncture site ^{2, 5}

Ribbed protective cap
guarantees needle sterility
and gives a secure grip for
easy twist-off removal ¹



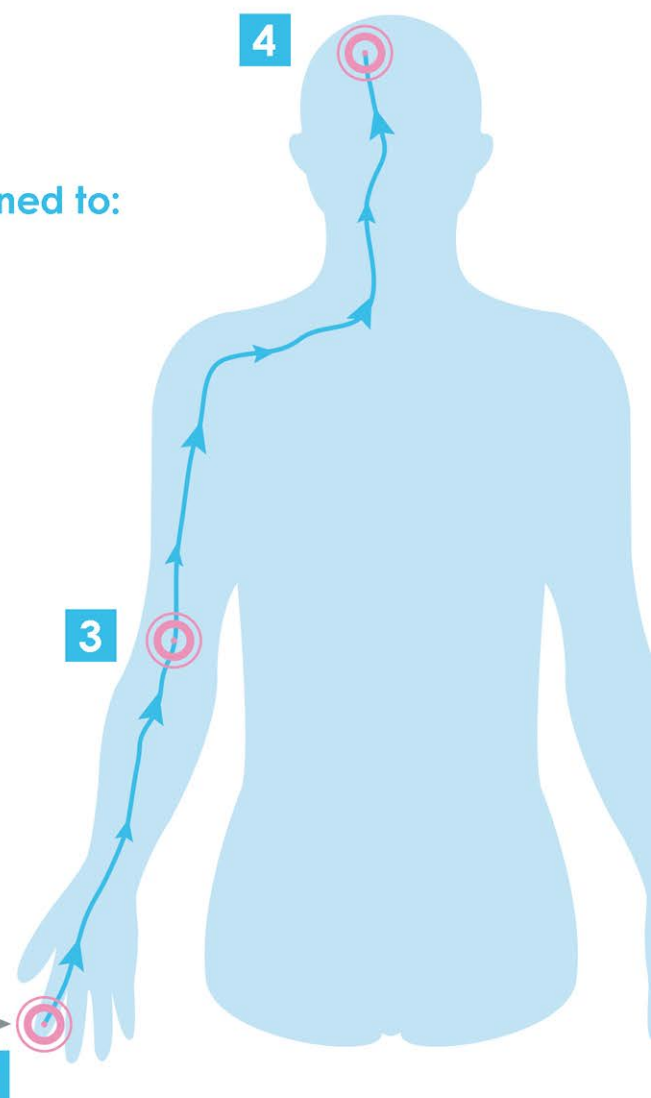
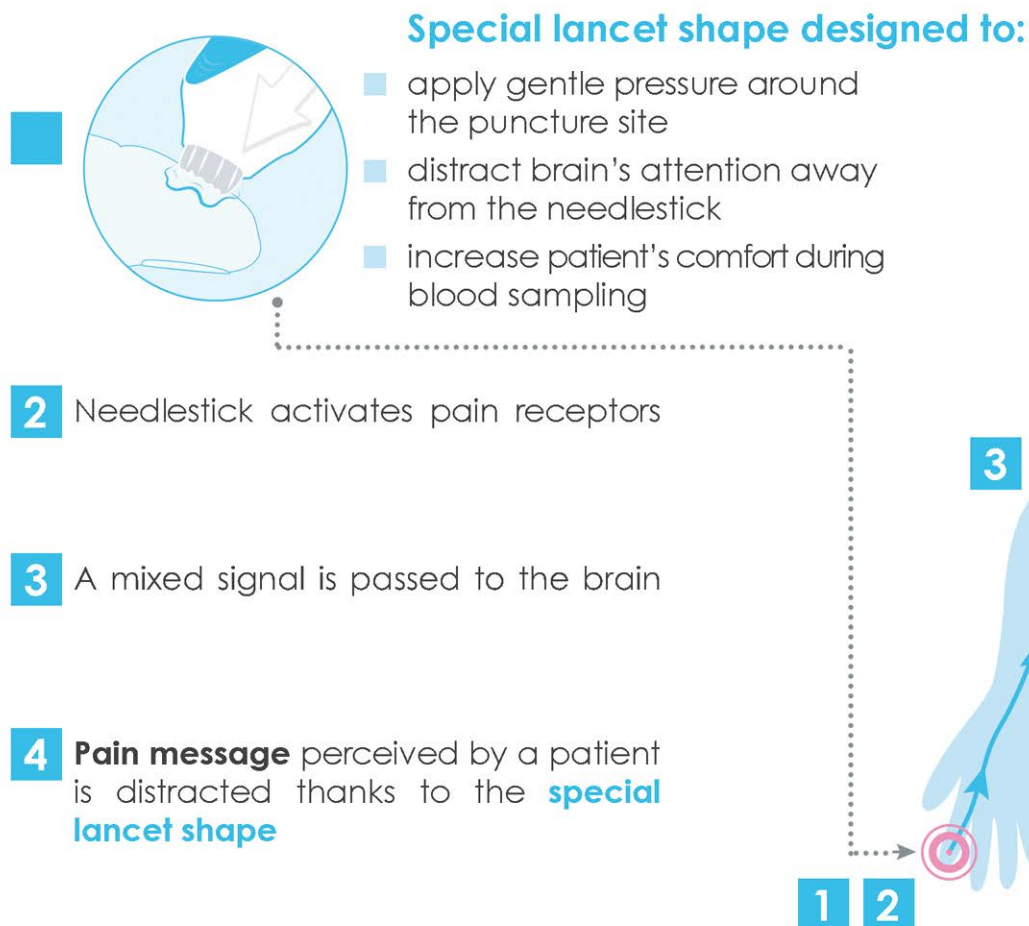
Sharps injury - facts

„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%!”⁶

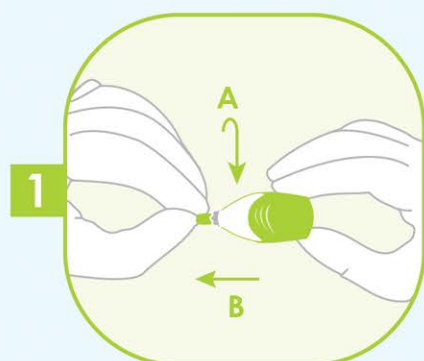
HTL-STREFA is committed to manufacturing safety products designed to reduce or eliminate the risk of exposure to blood-borne pathogens.

By using safety lancets, needlestick injuries and infections can be minimized. ⁷

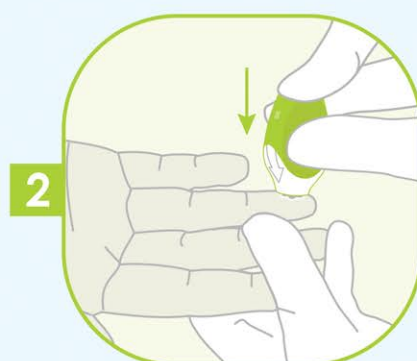
Pain perception mechanism ^{3, 4}



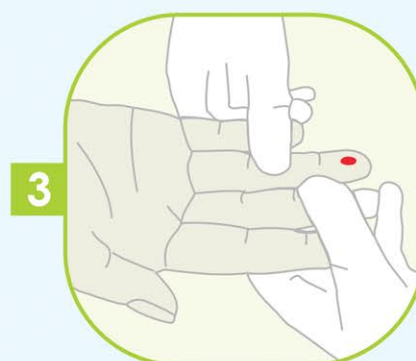
How to use ergolance - clinical users



Twist off the protective cap and pull it straight out.



Press the **ergolance** body firmly against the puncture site to activate the device.



Gently apply intermittent pressure near the puncture site to obtain the required blood volume. Discard the used lancet into a sharps container in accordance with facility guidelines and local regulations.

HTL-STREFA developed a lancing procedure that has been clinically proven & increases the expected blood volumes by reducing pain perception at the same time. ^{1, 8}

For more details please check the material available on:
<https://htl-strefa.com>

ergoLance® is sterile, single-use, contact activated safety lancet intended for capillary blood sampling.

Available in three versions

Product Name	Needle gauge/blade	Penetration depth
 ergoLance® Micro Flow	30G needle	1.5 mm
 ergoLance® Normal Flow	25G needle	1.8 mm
 ergoLance® High Flow	21G needle	2.0 mm

References:

1. HTL-STREFA Data on file. Clinical study report version 1.0 according to the Study Protocol 02Lan2017, April 24, 2018 (appendix)
2. HTL-STREFA S.A. Data on file. TDS of ERGOLANCE® safety Lancets.
3. Ruscheweyh R, Kreusch A, Albers C, Sommer J, Marziniak M. The effect of distraction strategies on pain perception and the nociceptive flexor reflex (Rill flex). Pain. 2011 Nov;152(11):2662-71. doi: 10.1016/j.pain.2011.08.016. Epub Sep 2011.
4. A.Vania Apkarian, M.Catherine Bushnell, Rolf-dettef Treede, Jon-Kar Zubieta: Human brain mechanism of pain perception and regulation in health and disease; European Journal of Pain (2005) 463-484
5. HTL-STREFA S.A. Data on file. PMR Report. Directions for safety lancets development based on nurses needs. Poland. June 2016
6. Getie A., Wondmieni 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
7. 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>
8. Jarus-Dziedzic K., Zurawska G., Banyas 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