

NEONATOLOGY

ENTERAL NUTRITION

nutrisafe2

The safe enteral feeding
system adapted to neonates



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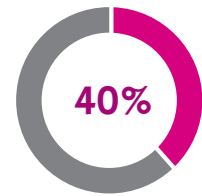


Value Life

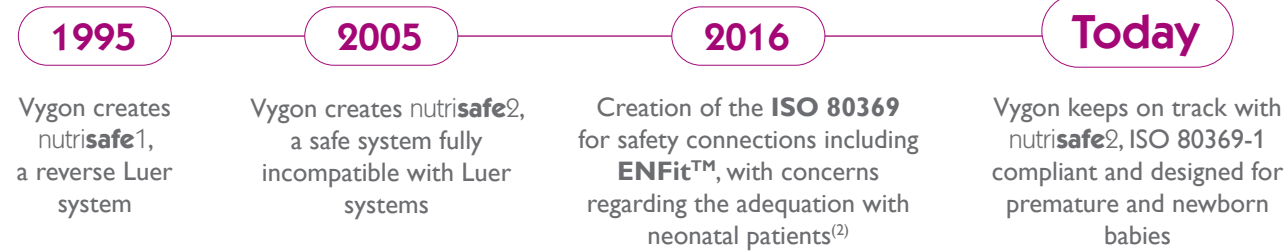
HISTORY OF nutrisafe2

Misconnections

● Enteral
● Others



Misconnections in enteral nutrition have been a **recognized issue** at an international level for several years. **40%** of these misconnections are attributed to **enteral** clinical area, and the consequences are often **critical** and deadly ⁽¹⁾.



MORE THAN 20 YEARS OF EXPERIENCE IN NEONATOLOGY!

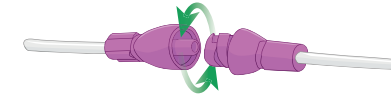
- No reported misconnection with nutrisafe2
- Satisfied customers from more than 40 countries

IN NEONATOLOGY, THINK...



Safe

Specially designed for neonatal patients, nutrisafe2 is a unique safe enteral feeding system incompatible with Luer and other small-bore connectors in accordance with **ISO 80369-1** requirements. The risk of misconnection is minimized, and the patient safety is increased.



The lockable system provides additional security. Accidental disconnection is practically impossible, ensuring precious nutrients are received.



Clean

Feeding tubes must not create extra risk to neonates by introducing **bacteria** into their digestive tract.

The design of **ENFit™** comes with the need of setting up a cleaning procedure, and that even followed thoroughly, only **31%** of connectors were **off residues**⁽³⁾.

Even when using specific adapted tools, the **cleaning is not sufficient** and the bacterial count doesn't differ from other cleaning methods⁽⁶⁾.



nutrisafe2 is, by design, less prompt to keep residues. Indeed, nutrisafe2 connectors have a **less threaded interior** to sequester milk or medication and is **much smaller**.⁽⁵⁾

nutrifit nutrisafe2



Accurate

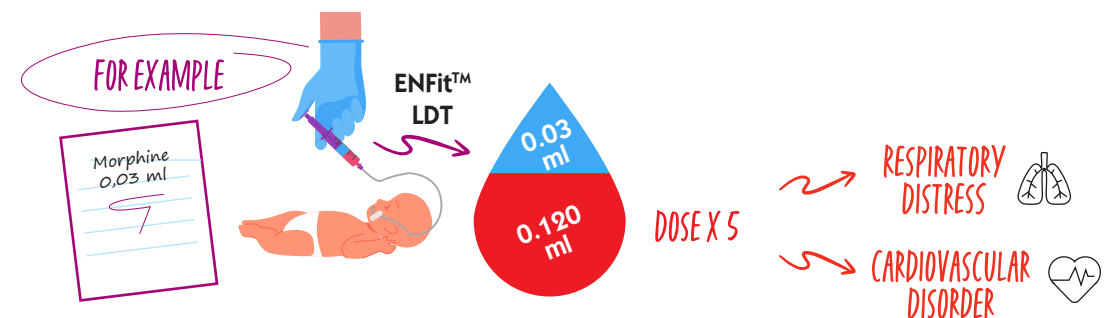
Dose accuracy is of great importance in the **NICU** wards, especially for **critical drugs administration**. For example, the **morphine** dose for a preterm baby can start at **0.03 ml**. Fluid displacement creates an **overdosing risk** with the syringes.

Overdosing risk⁽²⁾⁽⁴⁾

nutrisafe2
0.029 ml

Low dose tip
0.120 ml

ENFit™
0.148 ml⁽²⁾



Dosing variance of ENFit™ LDT and nutrisafe2 syringes were compared. Primary outcome⁽⁵⁾ showed that nutrisafe2 is **more accurate than LDT** syringes.

Using **ENFit™ LDT** in neonatology is **more likely** to result in administering **higher** than prescribed doses to the neonates.

PRODUCT RANGE **nutrisafe2**



Feeding tubes



Syringes



Extension lines



Sampling devices



Accessories



Syringe pump

Find out more:

 www.safe-ental.com

 [Enteral catalogue](#)

REFERENCES

- (1) O'Mara K, Campbell C. Dosing inaccuracy with enteral use of ENFit® low-dose tip syringes: The risk beyond oral adapters. J Clin Pharm Ther. 2020 Apr;45(2):335-339. doi: 10.1111/jcpt.13079. Epub 2019 Nov 22. PMID: 31755574.
- (2) International Standard Organization, (2016), Small-bore connectors for liquids and gases in healthcare applications — Part 3: Connectors for enteral applications Annex A, ISO 80369-3:2016, ISO.
- (3) Lyman, B., Rahe, K. L., Keeler, D., Sherman, A. K., & Abdelhadi, R. A. (2020). Randomized Controlled Trial Assessing the Effectiveness of Two Cleaning Regimens for ENFit® Connectors. Medsurg Nursing, 29(6), 401-406
- (4) Study on the over-dosing risk of the « ENFit Low Dose Tip » syringe during its use, March 2018, Vygon & Andheo
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- (6) Koya H, Ishino K, Kishimoto M, Kurata N: Comparison of Methods for Cleaning Enteral Feeding Tube Junctions of the New International Standard (ISO 80369-3). Ann Nutr Metab 2022;78:207-212. doi: 10.1159/000525367

FOR FURTHER INFORMATION, PLEASE CONTACT: questions@vygon.com

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