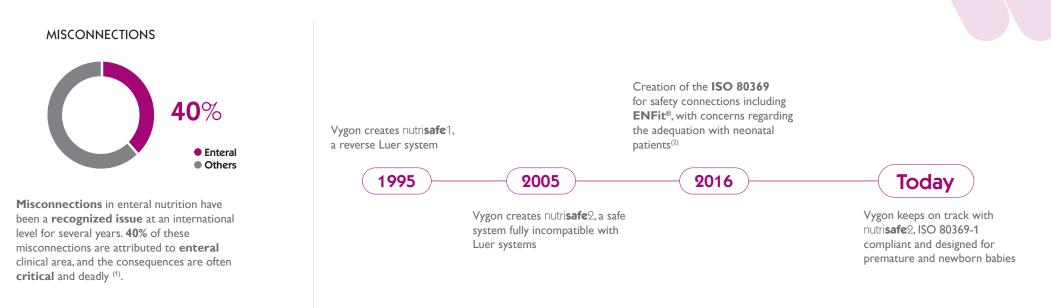


NEONATOLOGY

ENTERAL NUTRITION **NUTRITION**The safe enteral feeding system adapted to neonates

HISTORY OF nutrisafe2

nutri**safe**2



IN NEONATOLOGY, THINK...



MORE THAN 20 YEARS OF EXPERIENCE IN NEONATOLOGY!

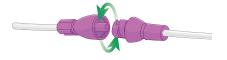
No reported misconnection with nutrisafe2
Satisfied customers from more than 40 countries



SAFE

Specially designed for neonatal patients, nutrisafe2 is a 0 803 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.





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

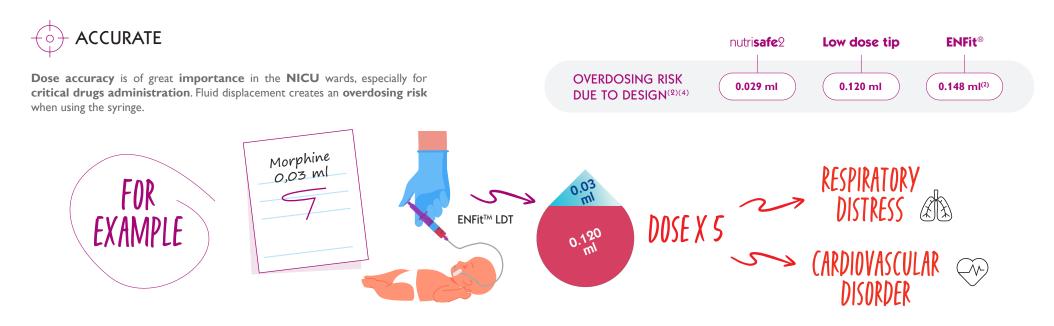
The design of **ENFit**[®] comes with the need of setting up a cleaning procedure, and that even followed thoroughly, only **31%** of connectors were **off residues**⁽³⁾.

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⁾



ENFit[®] nutri**safe**9

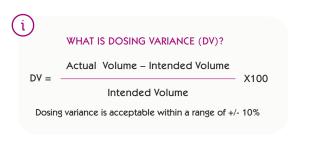


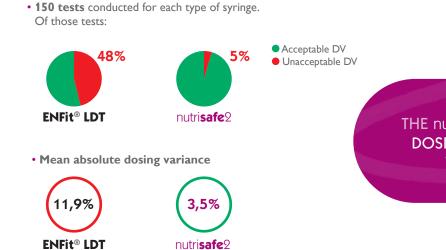
Using **ENFit[®] LDT** in neonatology is more likely to result in administering higher than prescribed doses to the neonates.

nutrisafe2

SCIENTIFIC EVIDENCE ON ACCURACY

Accuracy of ENFit[®] LDT syringes and nutrisafe2 syringes was compared⁽⁷⁾ using **Dosing Variance** calculation.

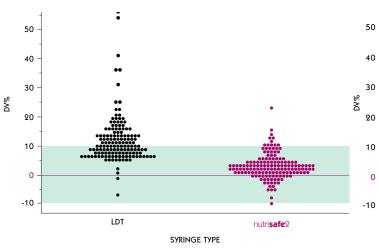


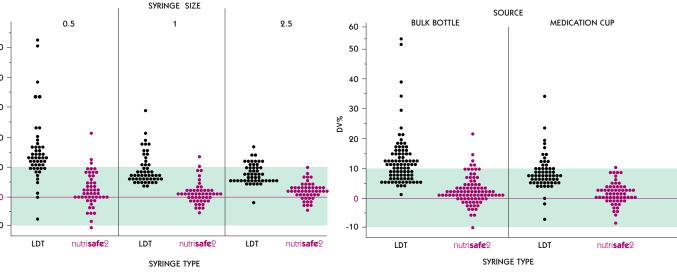


THE nutri**safe**2 SYRINGE HAS GREATER DOSING ACCURACY AS COMPARED WITH ENFIT® LDT SYRINGE

nutrisafe2

IN MORE DETAILS...





Comparison between syringe type

nutri**safe**2 is more accurate than the ENFit[®] LDT: **95%** of the doses have an acceptable dosing variance.

· Comparison between syringe types and sizes

Dosing variance **increases** while the syringe volume decreases. However nutri**safe**2 still has a mean variance within the **acceptability range** for all volumes. • Influence of adapter and medication cup

Bulk bottle **adapters don't fix the inaccuracy issue** with the ENFit[®] **Low Dose Tip**. Medication cup were associated with acceptable DV, nutri**safe**2 is **more accurate** with these accessories.



nutrisafe2 PRODUCT RANGE

nutri**safe**2



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
- (5) Risks for Neonates Due to ENFitTM von Dr. Keliana O'Mara.; 2022. Accessed August 4, 2022. https://www.youtube.com/watch?v=oq1I9-Nwlhg&t=2160s
- (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
- (7) O'Mara K, Campbell C, O'Mara R. Comparison of Dosing Accuracy Between the ENFit LDT and a Neonatal-Specific ISO-Compliant Enteral Syringe. J Pediatr Pharmacol Ther. 2023;28(3):255-261. doi: 10.5863/1551-6776-28.3.255. Epub 2023 Jun 2. PMID: 37303768; PMCID: PMC10249973.

 $\mathsf{ENFit}^{\circledast}$ is a registered trademark of GEDSA, used under licensed.

5

FOR FURTHER INFORMATION, PLEASE CONTACT: **questions@vygon.com** The specification shown in this leaflet are for information only and are not, under any circumstances, of a contractual nature.

VYGON – 5, RUE ADELINE - 95440 ECOUEN - FRANCE RECEPTION: +33 (0)1 39 92 63 63 – SERVICE CLIENTS FRANCE: +33 (0)1 39 92 63 81 EXPORT CUSTOMER SERVICE: +33 (0)1 39 92 64 15

www.vygon.com

