

Status: ESPEN Special Interest Group

Field of interest: Home Artificial Nutrition (enteral and parenteral) and Chronic Intestinal Failure

Aims:

To perform clinical and epidemiological studies in the field of HAN and of CIF.

To provide guidelines for HAN and for CIF.

To participate in the education of professionals with an interest in HAN and CIF.

Composition of the group:

Core Composition:

- a maximum of 10 members, from National PEN Societies participating to the ESPEN Council
- the group is multidisciplinary, members are selected among pharmacists, nurses, dieticians and doctors

Composition at large:

- any ESPEN member who proposes a study, after approval of the protocol by the group, became part of the group until the end of the study

Presentation of the works of HAN & CIF:

The coordinator of the study is normally the first author of the publication.

Those who contributed to the study are thanked in the "acknowledgements" section.

Papers are submitted to the ESPEN meetings and Clinical Nutrition or other relevant journals.

Meetings of the HAN & CIF group:

The group convenes for two meetings every year. The winter meeting is held during a week-end in January or February in a city of one of the members.

The second meeting takes place during the ESPEN meeting in August or September.

An open meeting is organized when appropriate during the ESPEN congress in order to give delegates the opportunity to learn about the activities of the group. The information on the web site is adjusted at half-year intervals or when appropriate.

Renewal of the group:

Members of the group must be replaced continuously in order to assure the continuity of the group. Duration of the membership is normally 3-4 years.

Proposition of new members will be based on common sense in order to maintain the multinational and multidisciplinary composition of the group.

Members must fulfill the following criteria:

- Member of ESPEN
- Enthusiastic to participate in the work of the group
- Expertise in the field of HAN and/or CIF
- Members must be approved by their national PEN society
- A list of the members of the HAN & CIF group will be submitted to ESPEN Central each year

Financial support

ESPEN provides financial support through an unrestricted grant from Fresenius Kabi. All expenses must be clearly defined (meetings, secretariat, mailing etc.).

Members of HAN & CIF group are encouraged to generate financial support from pharmaceuticals companies or other societies. The ESPEN treasurer controls the budget.

Activities of the group

The "CIF Action Day", the database for Chronic Intestinal Failure



Started in 2015, the database has received the contribution of 132 of centers from 27 Countries, enrolling around 14000 patients, adults and children.

Up to Sep 2022, the following papers and communications have been published:

COVID 19 Infection In Patients On Long-Term Home Parenteral Nutrition. Oral communication at the 44th ESPEN Congress, Vienna 2022.

Chronic Intestinal Failure in Children: An International Multicenter Cross-Sectional Survey. *Nutrients*. 2022 Apr 30;14(9):1889. doi: 10.3390/nu14091889. PMID: 35565856; PMCID: PMC9103944.

Characteristics of adult patients with chronic intestinal failure due to short bowel syndrome: An international multicenter survey. *Clin Nutr ESPEN*. 2021 Oct;45:433-441. doi: 10.1016/j.clnesp.2021.07.004. Epub 2021 Jul 28. PMID: 34620351.

Intravenous supplementation type and volume are associated with 1-year outcome and major complications in patients with chronic intestinal failure. *Gut*. 2020 Oct;69(10):1787-1795. doi: 10.1136/gutjnl-2018-318172. Epub 2020 Jan 21. PMID: 31964752.

Home parenteral nutrition provision modalities for chronic intestinal failure in adult patients: An international survey. *Clin Nutr*. 2020 Feb;39(2):585-591. doi: 10.1016/j.clnu.2019.03.010. Epub 2019 Mar 25. PMID: 30992207.

Clinical classification of adult patients with chronic intestinal failure due to benign disease: An international multicenter cross-sectional survey. Clin Nutr. 2018 Apr;37(2):728-738. doi: 10.1016/j.clnu.2017.04.013. Epub 2017 Apr 19. PubMed PMID: 28483328.

Centres that would like to join the database have to send a request to the study coordinator (Loris Pironi) at espencifday@gmail.com , with the following data:

- First name
- Middle initial(s)
- Surname
- Affiliation:
- Hospital name
- City
- Country
- Address
- Phone
- Fax
- e-Mail
- CIF age category in your center (adult, pediatric or both)
- Year of starting HPN activity

They will receive the study protocol and the database for the data collection

Home Parenteral Nutrition Book - 2nd edition

Containing contributions from leading international experts and under the auspices of the ESPEN HAN Group, this book explores the life-saving treatment of home parenteral nutrition. It covers the complete scenario of home parenteral nutrition (HPN), from its prevalence in different continents to clinical indications and the practical aspects of its management. Topics covered include the growing use of HPN, scientific and practical issues associated with HPN in adults and the pediatric population, indications and outcomes in various diseases, complications, nutrient requirements, preparation and administration of the admixtures, monitoring of patients, medical and surgical alternatives, ethics and legislation, and quality of life. To order it, [click here](#).

ESPEN LLL-course on Home Parenteral Nutrition in Adults

The group actively contributes to the ESPEN LLL program by delivering the course on HPN in adults.

Acknowledgments

The group has been awarded with the “**ESPEN RESEARCH NETWORK GRANT**” 2009 for the project: “**An international study of the quality of life of adult patients treated with home parenteral nutrition (HPN)**”, presented by Janet Baxter.

Publications

1. Pironi L, Cuerda C, Jeppesen PB, Joly F, Jonkers C, Krznarik Z, Lal S, Lamprecht G, Lichota M, Mundi M, Schneider SM, Szczepanek K, Van Gossum A, Wanten G, Wheatley C, Weimann A. ESPEN Guideline on Chronic Intestinal Failure in Adults – Update 2023, Clin Nutr, 2023,

2. Joly L, Nuzzo A, Bozzetti F, Cuerda C, Jeppesen PB, Lal S, Lamprecht G, Mundi M, Szczepanek K, Van Gossum A, Wanten G, Pironi L. A multi-national survey of experience and attitudes towards managing catheter related blood stream infections for home parenteral nutrition. *Clin Nutr ESPEN*, 2023
3. Pironi L, Boeykens K, Bozzetti F, Joly F, Klek S, Lal S, Lichota M, Mühlebach S, Van Gossum A, Wanten G, Wheatley C, Bischoff SC. ESPEN practical guideline: Home parenteral nutrition. *Clin Nutr*. 2023 Mar;42(3):411-430. doi: 10.1016/j.clnu.2022.12.003. Epub 2023 Jan 9. PMID: 36796121.
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Studies in progress

For more information and participation, please contact the study coordinator.

- Physician based survey on “Demographics and Characteristics of Home Enteral Nutrition: a worldwide survey” (study coordinator: Manpreet MUNDI)
- Transition of children with CIF to adult centers (study coordinator: Francisca JOLY)
- Recommendations on selection criteria for trophic factor treatment and on treatment management of patients with SBS-CIF (study coordinators: Francisca JOLYJ, Loris PIRONI)

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