

Families' Importance in Nursing Care: Nurses' Attitudes (prepared by Birte Ostergaard, PhD, MSc, RN & Marie Louise Luttk, PhD)

Title of Measure: Families' Importance in Nursing Care: Nurses' Attitudes (FINC-NA)

Website: There is currently not a website

Reference for original article(s) describing how the measure was developed and tested:

- Benzein, E., Johansson, P., Arestedt, K. F., Berg, A., & Saveman, B. I. (2008). Families' Importance in Nursing Care: Nurses' Attitudes--an instrument development. *Journal of Family Nursing*, 14(1), 97–117. <https://doi.org/10.1177/1074840707312716>
- Follow-up article:
 - Saveman, B. I., Benzein, E. G., Engström, Å. H., & Årestedt, K. (2011). Refinement and psychometric reevaluation of the instrument: Families' Importance In Nursing Care--Nurses' Attitudes. *Journal of Family Nursing*, 17(3), 312–329. <https://doi.org/10.1177/1074840711415074>

Purpose/Background: According to Benzein et al., 2008, FINC-NA was designed to measure nurses' attitudes about the importance of involving families in nursing care. It was inductively developed from a literature review and initially tested with a sample of Swedish nurses.

Psychometrics:

- **Original article:** Cronbach's alpha reliability coefficient for Internal consistency, performed with item-total correlations for both the whole scale as well as for the subscales. Principal component analysis for dimensionality, Spearman's rank correlation between the scales in FINC-NA to evaluate convergent and discriminant validity. Results of final principal component analysis were 4 factors regarding families as a resource in nursing care (Fam-RNC), family as a conversational partner (Fam-CP), family as a burden (Fam-B) and family as its own resource (Fam-OR).
- **Follow-up article:** Refine and revalidate score distribution, homogeneity, dimensionality, differential item functioning for gender, stability, and internal consistency as well as Test-retest reliability (stability). principal component analysis detected the same four factors.

Scoring procedure:

- Initial measure: 4-point Likert scale with 26 items. The score for each item was 1 (strongly disagree), 2 (disagree), 3 (agree), and 4 (strongly agree)
- Updated measure: 5-point Likert- scale with 26 items ranged from 1 = totally disagree to 5 = totally agree; the higher the score, the more supportive the nurses' attitude toward families.

Norms/Comparative Data:

- norms not stated
- compared with Generalized Partial Credit Model by Hagedoom et al 2018

Populations the measure has been used with:

- Registered nurses
- Nurse specialist students (e.g., midwives)
- Psychiatric nurses
- Primary health care nurses
- Surgical nurses
- Pediatric nurses
- Emergency department nurses
- General hospital nurses
- Heart failure nurses
- Cardiovascular nurses

Languages the measure is available in:

- Chinese
- Danish
- Dutch
- English
- Icelandic
- Portuguese
- Swedish

Strengths and Limitations of the measure:

- Sensitivity and responsiveness to detect differences within and between groups
- Lack of a test-retest in the first version but included in the revised version.
- Skewed distribution with a ceiling effect for the majority of the items

References for articles that include a discussion of strengths and limitations of the measure:

- Benzein, E., Johansson, P., Arestedt, K. F., Berg, A., & Saveman, B. I. (2008). Families' Importance in Nursing Care: Nurses' Attitudes--an instrument development. *Journal of Family Nursing*, 14(1), 97–117. <https://doi.org/10.1177/1074840707312716>
- Benzein, E., Johansson, P., Arestedt, K. F., & Saveman, B. I. (2008). Nurses' attitudes about the importance of families in nursing care: a survey of Swedish nurses. *Journal of Family Nursing*, 14(2), 162–180. <https://doi.org/10.1177/1074840708317058>
- Hagedoorn, E. I., Paans, W., Jaarsma, T., Keers, J. C., van der Schans, C. P., Luttik, M. L., & Krijnen, W. P. (2018). Translation and psychometric evaluation of the Dutch Families Importance in Nursing Care: Nurses' Attitudes Scale based on the generalized partial credit model. *Journal of Family Nursing*, 24(4), 538–562. <https://doi.org/10.1177/1074840718810551>
- Saveman, B. I., Benzein, E. G., Engström, Å. H., & Arestedt, K. (2011). Refinement and psychometric reevaluation of the instrument: Families' Importance In Nursing Care--Nurses' Attitudes. *Journal of Family Nursing*, 17(3), 312–329. <https://doi.org/10.1177/1074840711415074>
- Svavarsdottir, E. K., Sigurdardottir, A. O., Konradsdottir, E., Stefansdottir, A., Sveinbjarnardottir, E. K., Ketilsdottir, A., Blondal, K., Jónsdóttir, A., Bergs, D., & Guðmundsdottir, H. (2015). The process of translating family nursing knowledge into clinical practice. *Journal of Nursing Scholarship*, 47(1), 5–15. <https://doi.org/10.1111/jnu.12108>
- Sveinbjarnardottir, E. K., Svavarsdottir, E. K., & Saveman, B. I. (2011). Nurses attitudes towards the importance of families in psychiatric care following an educational and training intervention program. *Journal of Psychiatric and Mental Health Nursing*, 18(10), 895–903. <https://doi.org/10.1111/j.1365-2850.2011.01744.x>

References for articles by IFNA members and others who have used the measure:

- Angelo, M., Cruz, A. C., Mekitarian, F. F., Santos, C. C., Martinho, M. J., & Martins, M. M. (2014). Nurses' attitudes regarding the importance of families in pediatric nursing care. *Revista da Escola de Enfermagem da U S P*, 48 Spec No, 74–79. <https://doi.org/10.1590/S0080-623420140000600011>
- Boyamian, T. M. D. L., Mandetta, M. A., & Balieiro, M. M. F. G. (2021). Nurses' attitudes towards families in neonatal units. *Revista da Escola de Enfermagem da U S P*, 55, e03684. <https://doi.org/10.1590/S1980-220X2019037903684>

- Cranley, L. A., Lam, S. C., Brennenstuhl, S., Kabir, Z. N., Boström, A. M., Leung, A. Y. M., & Konradsen, H. (2022). Nurses' attitudes toward the importance of families in nursing care: a multinational comparative study. *Journal of Family Nursing*, 28(1), 69–82. <https://doi.org/10.1177/10748407211042338>
- Gusdal, A. K., Josefsson, K., Thors Adolfsson, E., & Martin, L. (2017). Nurses' attitudes toward family importance in heart failure care. *European Journal of Cardiovascular Nursing*, 16(3), 256–266. <https://doi.org/10.1177/1474515116687178>
- Hagedoorn, E. I., Paans, W., Jaarsma, T., Keers, J. C., van der Schans, C. P., & Luttik, M. L. A. (2021). The importance of families in nursing care: attitudes of nurses in the Netherlands. *Scandinavian Journal of Caring Sciences*, 35(4), 1207–1215. <https://doi.org/10.1111/scs.12939>
- Hagedoorn, E. I., Paans, W., Jaarsma, T., Keers, J. C., van der Schans, C. P., Luttik, M. L., & Krijnen, W. P. (2018). Translation and psychometric evaluation of the Dutch Families Importance in Nursing Care: Nurses' Attitudes Scale based on the generalized partial credit model. *Journal of Family Nursing*, 24(4), 538–562. <https://doi.org/10.1177/1074840718810551>
- Hoplock, L., Lobchuk, M., Dryburgh, L., Shead, N., & Ahmed, R. (2019). Canadian hospital and home visiting nurses' attitudes toward families in transitional care: a descriptive comparative study. *Journal of Family Nursing*, 25(3), 370–394. <https://doi.org/10.1177/1074840719863499>
- Hsiao, C. Y., & Tsai, Y. F. (2015). Factors associated with the perception of family nursing practice among mental health nurses in Taiwan. *Journal of Family Nursing*, 21(4), 508–528. <https://doi.org/10.1177/1074840715606543>
- Linnarsson, J. R., Benzein, E., & Årestedt, K. (2015). Nurses' views of forensic care in emergency departments and their attitudes, and involvement of family members. *Journal of Clinical Nursing*, 24(1-2), 266–274. <https://doi.org/10.1111/jocn.12638>
- Luttik, M., Goossens, E., Ågren, S., Jaarsma, T., Mårtensson, J., Thompson, D. R., Moons, P., Strömberg, A., & Undertaking Nursing Interventions Throughout Europe (UNITE) research group (2017). Attitudes of nurses towards family involvement in the care for patients with cardiovascular diseases. *European Journal of Cardiovascular Nursing*, 16(4), 299–308. <https://doi.org/10.1177/1474515116663143>
- Nóbrega, M. D. P. S. S., Fernandes, C. S. N. D. N., Angelo, M., & Chaves, S. C. D. S. (2020). Importance of families in nursing care for people with mental disorders: attitudes of Portuguese and Brazilian nurses. *Revista da Escola de Enfermagem da U S P*, 54, e03594. <https://doi.org/10.1590/s1980-220x2018045603594>
- Nóbrega, M. D. P. S. S., Fernandes, C. S. N. D. N., Zerbetto, S. R., Sampaio, F. M. C., Duarte, E., Chaves, S. C. D. S., & Moreira, W. C. (2020). Nurses' attitudes facing the family involvement in caring for people with mental disorder. *Revista Brasileira de Enfermagem*, 73Suppl 1(Suppl 1), e20200041. <https://doi.org/10.1590/0034-7167-2020-0041>
- Oliveira, P. da C., Fernandes, H. I., Vilar, A. I., Figueiredo, M. H., Ferreira, M. M., Martinho, M. J., Figueiredo, M. do C., Andrade, L. M., de Carvalho, J. C., & Martins, M. M. (2011). Atitudes dos enfermeiros face à família: validação da escala Families' Importance in Nursing Care--Nurses Attitudes [Attitudes of nurses towards families: validation of the scale Families' Importance in Nursing Care--Nurses Attitudes]. *Revista da Escola de Enfermagem da U S P*, 45(6), 1331–1337. <https://doi.org/10.1590/s0080-62342011000600008>
- Østergaard, B., Clausen, A. M., Agerskov, H., Brødsgaard, A., Dieperink, K. B., Funderskov, K. F., Nielsen, D., Sorknaes, A. D., Voltelen, B., & Konradsen, H. (2020). Nurses' attitudes regarding the importance of families in nursing care: A cross-sectional

study. *Journal of Clinical Nursing*, 29(7-8), 1290–1301.

<https://doi.org/10.1111/jocn.15196>

- Pascual-Fernández, M. C., Moro Tejedor, M. N., Ignacio-Cerro, M. C., Cervantes Estévez, A. M., & García Pozo, M. (2016). Nursing attitude about the family involvement in hospitalized children care. Actitudes de los profesionales de enfermería ante la participación familiar en los cuidados de los pacientes pediátricos hospitalizados. *Revista de enfermería (Barcelona, Spain)*, 39(10), 46–53.
- Shamali, M., Larramendi, N.E., Østergaard, B., Barbieri- Figueiredo, M., Brødsgaard, A., Canga- Armayor, A., Dieperink, K.B., Garcia- Vivar, C., Konradsen, H., Nordtug, B., Lambert, V. Mahrer- Imhof, R., Metzinger, S., Nagl- Cupal, M., Imhof, L., Svavarsdottir, E.K., Swallow, V., Luttik, M.L., (2022). Nurses' attitudes towards family importance in nursing care across Europe. *Journal of Clinical Nursing*, Vol. n/a Issue n/a. (early view) <https://doi.org/10.1111/jocn.16456>
- Sveinbjarnardottir, E. K., Svavarsdottir, E. K., & Saveman, B. I. (2011). Nurses attitudes towards the importance of families in psychiatric care following an educational and training intervention program. *Journal of Psychiatric and Mental Health Nursing*, 18(10), 895–903. <https://doi.org/10.1111/j.1365-2850.2011.01744.x>
- Wong, W. K., Ho, Y. W. B., To, K. L., & Bressington, D. T. (2023). Attitudes towards family involvement in nursing care among psychiatric nurses in Hong Kong: A cross-sectional descriptive study. *Journal of Psychiatric and Mental Health Nursing*, 10.1111/jpm.12920. Advance online publication. <https://doi.org/10.1111/jpm.12920>

References for review articles:

- Alfaro Díaz, C., Esandi Larramendi, N., Gutiérrez-Alemán, T., & Canga-Armayor, A. (2019). Systematic review of measurement properties of instruments assessing nurses' attitudes towards the importance of involving families in their clinical practice. *Journal of advanced nursing*, 75(11), 2299–2312. <https://doi.org/10.1111>
- Barreto, M. D. S., Marquete, V. F., Camparoto, C. W., García-Vivar, C., Barbieri-Figueiredo, M. D. C., & Marcon, S. S. (2022). Factors associated with nurses' positive attitudes towards families' involvement in nursing care: A scoping review. *Journal of clinical nursing*, 31(23-24), 3338–3349. <https://doi.org/10.1111/jocn.16226>