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## Development, validity and reliability of a Likert scale AFI in NICU: A tool for Assessment of Family Integration (AFI) in NICU

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In family integration parents are involved in every possible care of their neonate ranging from feeding to decision making and even participation in rounds. We intend to develop a sustainable structured model of family integration for Indian setup. To assess the current status of family involvement in NICU care a Likert scale was developed. The objective of this study is to develop a valid and reliable tool to assess the level of family integration in NICU. Methodological research design was used. The data was collected in a NICU of a tertiary care hospital, India from 2016-2017. The preliminary draft was prepared by discussion with experienced clinical nurses, nurse educators, focus group discussion with parents and extensive review literature. This initial draft was given to five experts and suggested modifications were made. To establish validity the tool was given to 9 delphi members and two delphi rounds were conducted. The CVI (content validity index) was above 0.7 for all four aspects (clarity, relevance, simplicity and ambiguity). The vernacular version was prepared and retranslated to English by language expert. First tool try was done on 10 parents and the items were modified as per the feedback of parents. Final draft was again tried out on 60 parents and internal consistency was calculated by using SPSS-17. Cronbach's alpha was used and reliability of 0.895 was established. A feasible, valid, reliable and tested tool to assess family integration in NICUs was developed. A Likert scale AFI in NICU showed good content validity and internal consistency. The tool can be used to assess family integration in NICUs. Construct validity and inter-rater reliability can be established.

### Biography

Geetanjli Kalyan has completed her Masters and currently working as a Lecturer in the National Institute of Nursing Education, India.

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