

H.S.M. KORT, J. VAN HOOF, A. BRONSVELD, M.M. BLOM. *Digital consultancy tool for ageing-in-place with dementia. Gerontechnology 2010;9(2):298*; doi:10.4017/gt.2010.09.02.208.00. **Purpose** In order to facilitate ageing-in-place (AiP) with dementia, a digital consultancy tool (DCT) was designed to facilitate modifications to the home environment. In the Netherlands, about 65% of the 270,000 older adults with dementia live in their own dwelling. At the same time, 40% of the Dutch housing stock is not appropriate for older adults to live independently<sup>1</sup>. Admission to a nursing home is usually caused by stress and a straining of the family carers. Caring for a person with dementia requires constant vigilance. Although admission to a nursing home cannot always be avoided, admission may be postponed by modifying the dwelling and through the use of technology. At present, persons with dementia are not able to adjust their dwelling to suit their needs. Therefore, it is important that carers and installers have access to information on how to design a dwelling in a dementia-friendly way. **Method** Based on publications about housing facilities<sup>2</sup>, thermal comfort<sup>3</sup> and dementia-friendly space plan<sup>4</sup>, the design for a DCT for AiP was made. The design of the DCT will be discussed in focus group sessions in Alzheimer Cafés with persons with dementia and their family carers. First, sessions will be held about the requirements for the web tool for dementia-friendly design. After gathering the requirements and verification to (inter)national guidelines concerning the accessibility of webpages, focus group sessions will be held with user groups in order to test the usability of the preliminary DCT. **Results & Discussion** Results of this process are a webpage with descriptions of how to create a dementia-friendly dwelling for AiP with dementia. On the webpage dementia-friendly modifications of the living environment will be ordered by problem/function or space. Problems are categorized by (I)ADL tasks, behaviour, or cognitive problems. Adjustments of spaces are categorized by the combined model of WHO's ICF and the Model of Integrated Building Design<sup>3,5</sup>.

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