

Master thesis project

We\Visit – Hospital visits made possible in Corona-time

Supervisors:

*Dr. Willem-Paul Brinkman, Dr. Merijn Bruijnes (EEMCS
- TUDelft), Elif Ozcan (IDE – TUDelft)*

Contact: m.bruijnes@tudelft.nl



We are developing an online (visit) communication platform for quarantined patients and families: We\Visit. This national/international platform connects families with their loved ones in difficult times. With We\Visit remote hospital visits are made possible when patients need to be isolated.



COVID-19 has not only provided society with medical challenges but also caused psychological distress on the affected people and their families. Currently, hospitalized COVID patients are quarantined and due to infection prevention methods, visitors are generally not allowed in the COVID units. Some hospitals have 'one short visit a day' rule which also deprives many other family members or close ones from contact with the patient and emotional support. Furthermore, there are other wishes more specific towards intensive care visits. Families / closed ones want to express their emotional and social support in other ways such as sending cards, flowers, leaving voice/video messages. Especially the current national lockdown situation inhibits any such remote tokens and expressions of love in the quarantined intensive care.

Several issues might appear when using a remote video call system in the emotional setting of a loved-one in your hospital. The student could design, build, and test a support tool for the patients and family of patients. For example, a chatbot that helps families prepare to (virtually) meet their loved one and offer advice during the call. A chatbot or virtual agent might explain what to expect before a call or give suggestions on what to do and say during the call. The student is expected to co-design and evaluate their solution with the target user groups (patients, families, nursing staff), but can influence the direction of the research and the technologies used to some extent.



<https://tinyurl.com/ycyjec3w>