

**Title:** Assessing the Impact of a Home Monitoring Device in a Multidisciplinary Feeding Program

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**Abstract**

**Background:** Patients with pediatric feeding disorders (PFDs) require frequent monitoring of their clinical status through anthropometric data and physical exams. The intervention assessed whether implementation of the Tytocare remote monitoring device improved satisfaction and reduced stress among caregivers of children with PFDs.

**Methods:** Patients received a home monitoring device for use during visits with the medical team. Patient satisfaction and parental stress were assessed using a validated tool at baseline, 3 and 6-month follow up. Project was IRB exempt.

**Results:** Most (85%) patients were satisfied with their virtual appointment experience before and after device implementation and there was no change in parental stress. All patients indicated virtual appointments were easier than in-person visits and desired to continue telehealth visits.

**Conclusions:** Limited change in parental satisfaction may be related to already high satisfaction level at baseline. It is important to include tools for accurate clinical data collection for continued telehealth visits.