SYMPTOM ASSESSMENT APPLICATIONS FOR CANCER PATIENTS

HEALTHCARE IT

Applications that enable cancer patients, particularly adolescents and young adults, to communicate their symptoms to providers more effectively.

TECHNOLOGY SUMMARY

Patients with cancer often have difficulty verbalizing symptoms, which can lead to unaddressed pain. Use of adult tools for younger patients has resulted in a communication gap between patients and providers. The proposed apps capture the complexity of patient symptoms in a way not currently possible. Adult patients can choose from over 30 symptoms, grouping them and outlining causes and key symptoms for each group. Color Me Healthy provide clinicians with meaningful resources to represent patient symptoms, thus facilitating effective communication between elementary-aged cancer patients and their providers. Symptom reporting is completed in real-time by the actual patient, rather than parents. Children use drawing and coloring to express their symptoms. The app integrates various daily activities for health and wellness promotion in addition to symptom reporting. Color Me Healthy could also be developed for use by young patients with other chronic illnesses.

FEATURES AND BENEFITS

- Offers a more complete capture of patient symptoms.
- Enhances patient-provider communication through consistent symptom reporting.
- Includes wellness goal activities and reward-based motivation.
- Enables children to express their pain and symptoms by coloring and drawing.

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INVENTOR PROFILE

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