SIGHT ++: PROTOTYPING A COMPUTER VISION GUIDED ASSISTIVE TECHNOLOGY

Methods Discussion with colleagues working in the operating theatres at Great Ormond Street Hospital revealed various adaptations to make PPE more, ‘child-friendly,’ some children were asked for feedback related to this. A PubMed literature search regarding PPE use in paediatric settings and also the wearing of face masks by children was also conducted. In addition to this, an internet search provided information from other NHS Trusts.

Results Inventive solutions such as cartoon characters on visors and drawings on them have been very well received. Videos about PPE were also helpful. In addition, the importance of non-verbal communication has become very apparent.

Discussion Creating, ‘child-friendly,’ PPE has been hugely beneficial to children presenting to hospital during the pandemic. It helps to allay their fears and increases their understanding of the current, challenging world that they are living in.

50 SHAKE, RATTLE AND ROLL – A SERVICE EVALUATION OF A MULTIDISCIPLINARY MUSIC GROUP FOR FAMILIES WITH BERLIN HEARTS

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Introduction Ventricular assist devices are implanted as a bridge to heart transplant. Inpatient wait time on a Berlin Heart EXCOR (BH), can be up to 17 months. This prolonged hospitalisation has a significant impact on the child’s psychological and physiological development, leading to limited educational and social integration. It is important that the developmental treatment of these children incorporates a family-centred and holistic approach. This service evaluation assessed the effectiveness and safety of a multidisciplinary music group on BH patients, their carers and nursing staff.

Method A structured multidisciplinary music group was created by Physiotherapy, Music and Occupational therapy. Carer involvement was a key component. Each session included: singing, actions, turn taking, gross and fine motor activities and a story. Feedback via anonymous survey was sought from carers and nursing staff after six sessions regarding structure, content and environment.

Results Five children and six carers participated over 12 weeks. The average age was 21 months and wait time since implantation 126–368 days. All carers and three bedside nurses completed the survey.

75% carers found the group beneficial and 75% felt their child enjoyed all components. Carers reported improved peer interaction and motor development. All advocated for the group to continue. Feedback included more actions and story songs. All nurses found the group overall ‘extremely beneficial’ and 66.67% felt the children ‘extremely enjoyed’ the sessions. 100% observed positive changes in the children and carers since commencement. No adverse events or safety concerns were raised.

Conclusion This service evaluation suggests that the multidisciplinary music group is a safe and valuable therapeutic component that can improve family experience and interaction for children on a BH. Carers and staff observed a positive impact on motor and social development as well as enjoyment. The group is now routinely part of the BH therapy programme.

51 POSCU – JOINED UP WORKING VIA GOSHLINK

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All members of the patient’s care team using GOSHLink can view the patient’s full, contemporaneous electronic medical