Alder Hey Children’s Hospital runs a complex breathlessness clinic which sees those children who need assessment and diagnosis for complex breathing issues. The clinic is a multidisciplinary review including Respiratory consultant, ENT consultant, Respiratory physiotherapist and Respiratory physiologist. Before attending clinic patients receive a printed text information sheet telling them they have to fill in some questionnaires and have a laryngoscope exam. After anecdotal reports of discrepancies between pre-clinic uncertainty and eventual experience, we hoped to make an explanatory leaflet for patients and parents.

We wanted to improve understanding of our MDT clinic where patients undergo one-shop Respiratory, ENT and Physiotherapy assessment. We present a novel cross-sector collaboration to develop child friendly literature.

Method We took our existing leaflet and the concept/hope of a teenager friendly leaflet or communications device to the University of the Creative Arts. With the course lead for the postgraduate Illustration MA course we established a collaboration with industry project for the Illustration students and presented the design brief at the university campus. During design development there were 2 contact days and regular electronic feedback provided to each illustrator about their draft work. Results The winning 3 designs were voted for by local Complex Breathlessness clinic staff and agreed by Illustration course leaders.

The clinic is in the basement of a gym. There will be a running machine test. A lung function (blowing out candles) test. A camera test down your nose to see your voice. You might have to run outside.

You'll have to do fill in some questionnaires about your breathlessness and bring them to clinic.

Future research. This design should be adopted as part of the clinic confirmation paperwork and will be received by all future clinic attendees. We intend to audit our patients and parents' perceptions to this exciting multi-sector quality improvement project and hope the Illustration partnership will continue in subsequent years.