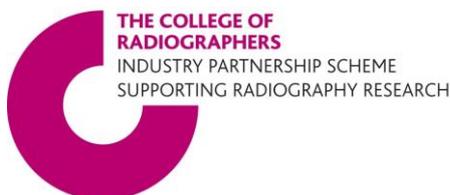


Grant ID:145



College of Radiographers Industrial Partnership Research Grants Interim report form

1. Principal Investigator	Andrew Cooper
2. Project Title	<i>Upright open MRI for brain imaging in children – a pilot study</i>
3. Amount of Grant	£4,500
4. Spending – Is the money being used as indicated in your proposal (if not why)?	Money hasn't been spent as yet, we have scanned adults in the Paramed Upright Open MRI scanner. Used these healthy volunteers to perfect our technique, sequences, familiarity of the scanner.
5. Amendments – Please provide details of any agreed amendments to your original application	No amendments requested
6. Summary of objectives	<p>Principal Aim of the study To establish feasibility and acceptability of diagnostic brain imaging in young children using an upright MRI scanner.</p> <p>Primary Research question</p> <ul style="list-style-type: none">• Can diagnostic brain MRI be acquired in young children without sedation or anaesthesia using an upright MRI system for specified indications? <p>Secondary Research questions</p> <ul style="list-style-type: none">• How do young children who undergo brain MRI using upright MRI view the experience?• How do the parents / carers of young children who undergo brain MRI using the upright MRI view the experience for their child and for themselves?• How does image quality compare between brain MRI using the upright MRI scanner and the standard MRI scanner used in clinical practice?
7. Summary of work and findings to date	We have created a protocol run and acquired data on adult volunteers, image quality has been viewed to be excellent
8. Summary of work ongoing	The scanner was delivered without an intercom and call system, this is being retrospectively fitted in the New Year
9. Summary of future plans – please include an estimate timeline for work progression	Once the intercom and call system is in place we feel confident that we can successfully bring children into the Open scanning environment
10. Have you presented the work at a national/international event (if so where)?	No
11. Have you submitted any findings for publication (if so please provide publication details)?	No