SOFTWARE TECHNOLOGY

REDUCTION OF PAEDIATRIC CANCER RATE VIA SOFTWARE FOR X-RAY SYSTEM

VALUE PROPOSITION
Fewer X-ray re-takes necessary
-> Cost reduction in use of radiographers and radiologists (saving time/resources)
Fewer misdiagnosis
-> Less medical malpractice (correct image at first take /right-first-time)
Instant feedback for radiographer improving competence level
-> Increased competence level and job satisfaction
Reduction in paediatric cancer rate
-> Quality of life improvement for families

BUSINESS OPPORTUNITY
The software technology to be built in to existing X-ray software and used when the radiographer acquires straight chest radiographs on neonatal patients.

We are looking for:
• Licensor
• IPR assignment/sale

TECHNOLOGY SUMMARY
Any radiographer on duty should be able to acquire a neonatal image despite the challenges of dealing with a very small patient (see images above/below).
A software evaluation tool for straight chest radiograph/X-ray on neonatal patients.

CURRENT STATE OF DEVELOPMENT
Inventors publication (next page) provide background/context on the state of development.
No further development work planned by inventors.
Details of invention available under NDA (Non Disclosure Agreement).

INTELLECTUAL PROPERTY RIGHTS
The software technology is protected in a priority patent application filed in the summer of 2018.
INVENTORS

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Publication by inventors
An Evaluation of Image Acquisition Techniques, Radiographic Practice, and Technical Quality in Neonatal Chest Radiography

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