



## SOFTWARE TECHNOLOGY

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

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### 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:

- Licensee
- 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

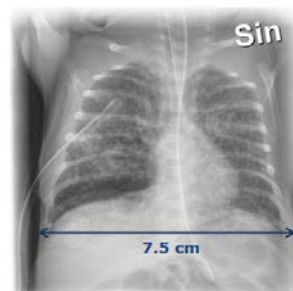
Inventors publication (next page) provide background/context on the state of development.

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

Christina Carøe Ejlskov Pedersen, Maryann Hardy and Anne Dorte Blankholm

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