



IBEX Trueview[®]

Gridless Scatter Correction
For Mammography

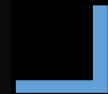
Benefits



Lower Cost

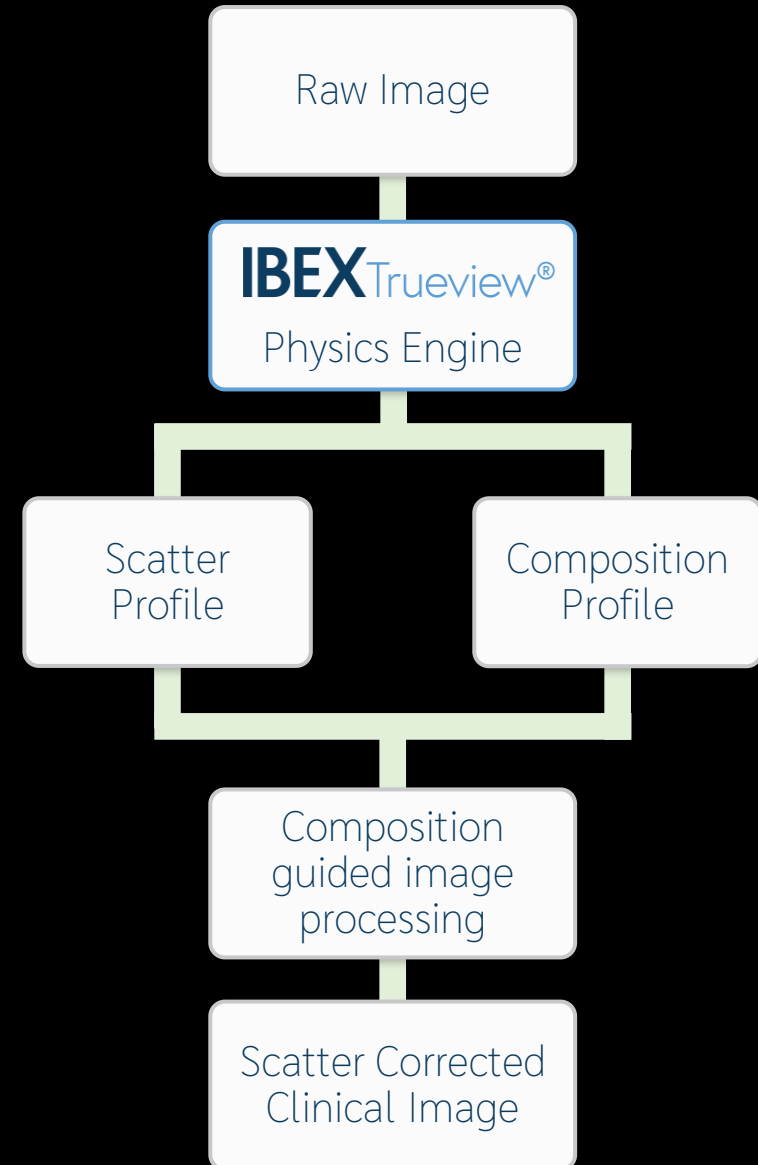
Reduced Patient Dose

Improved Performance

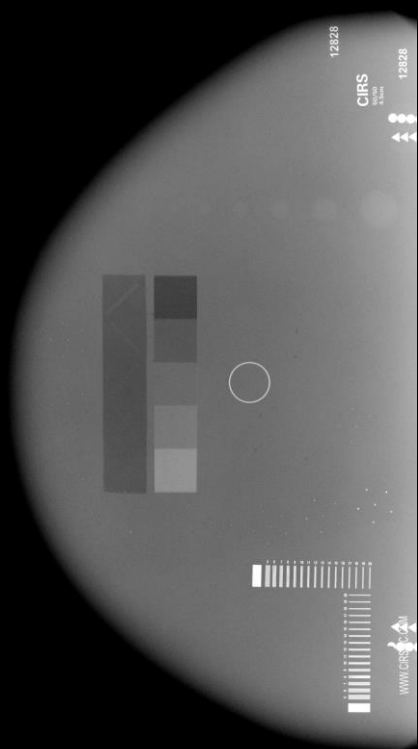


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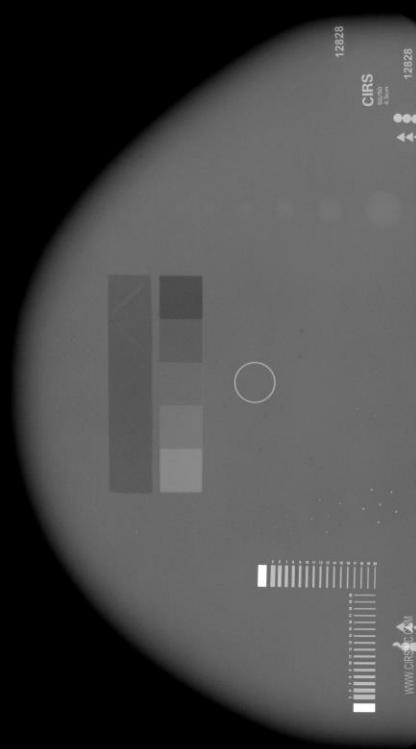
State-of-the-art physics modelling
Accurate and robust scatter correction
Supports FFDM and DBT protocols
Unique composition-guided outputs



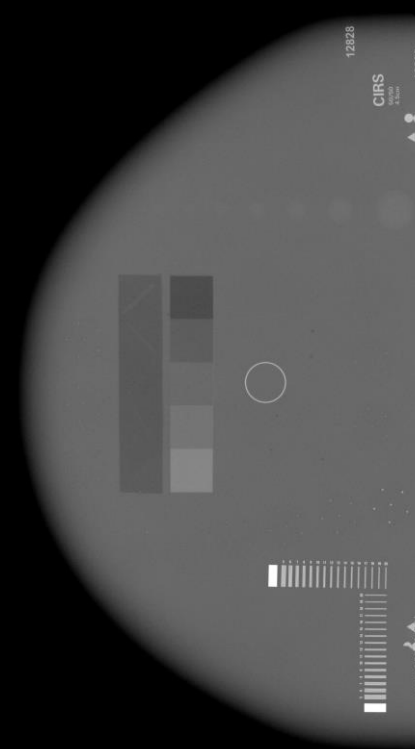
Effective Replacement for Physical Grids



Gridless



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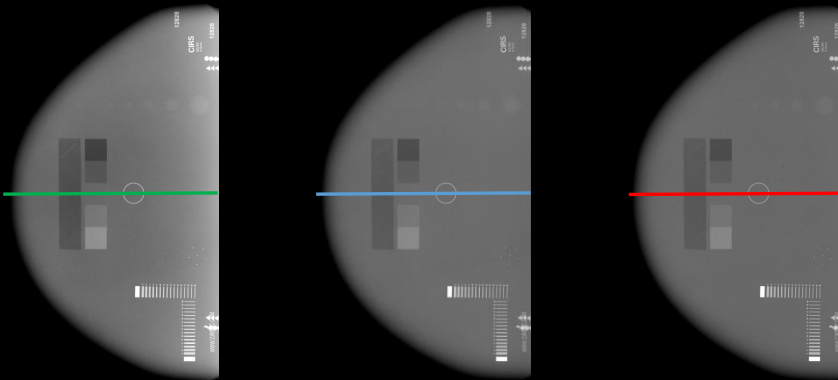


Grid



Improved Performance at Lower Cost

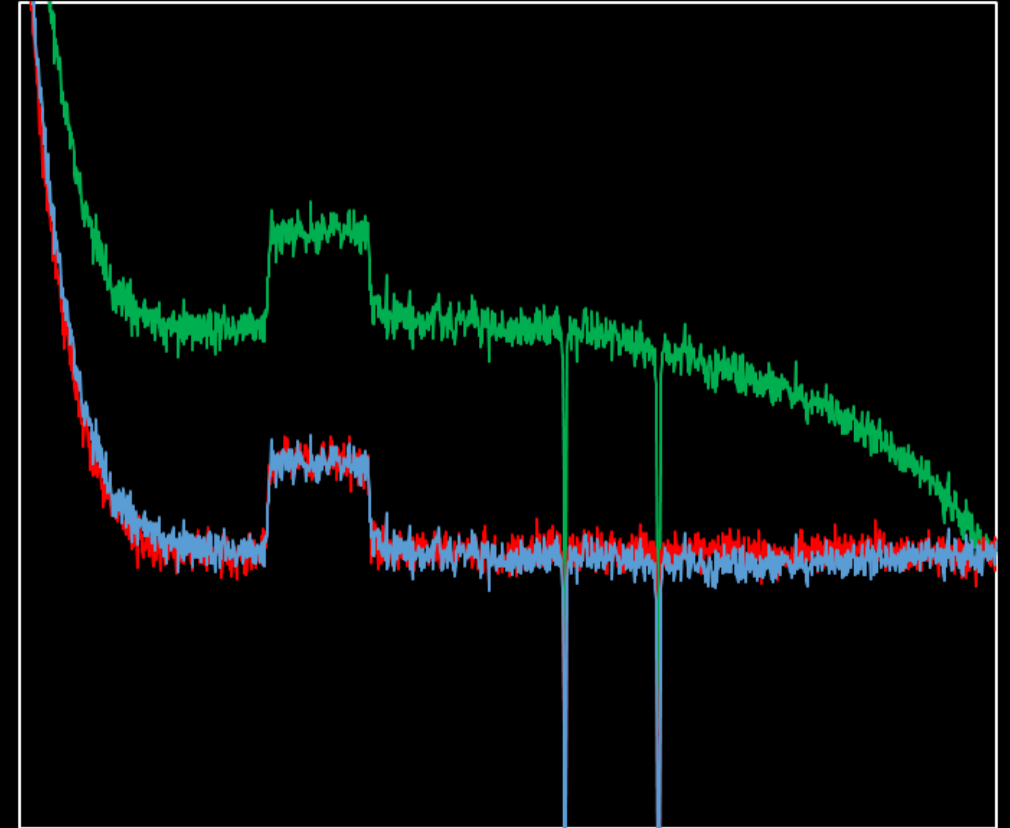
- Lower Costs
 - Save on grid hardware
 - Save on maintenance and support
- Improved performance
 - No grid absorption losses
 - No grid leakage
 - Reduced patient dose



Gridless

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Grid



Line profiles mAs normalised and offset to match intensity at the chest wall
Grid data gain corrected to compensate for grid absorption losses

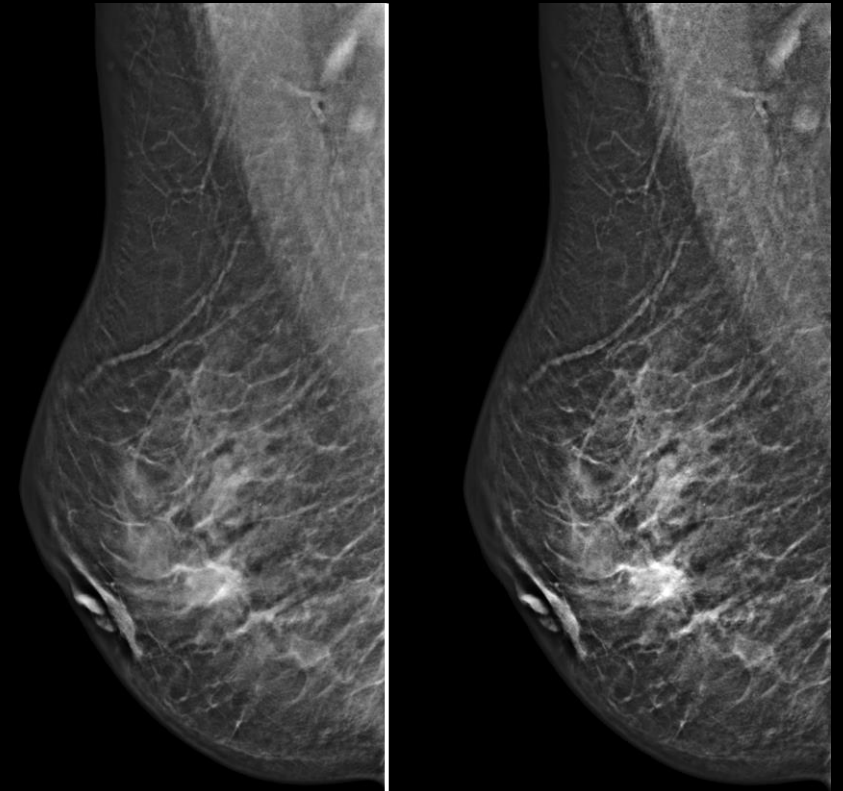
Better contrast in DBT Reconstructions

- Accurate scatter correction in DBT
- More consistent global contrast
- 50% improvement in CNR

		Contrast	Noise	CNR
Microcalcification	Original	2500	112	22.3
	Trueview	4800	131	36.6
Fibril	Original	600	111	5.4
	Trueview	1050	132	8.0

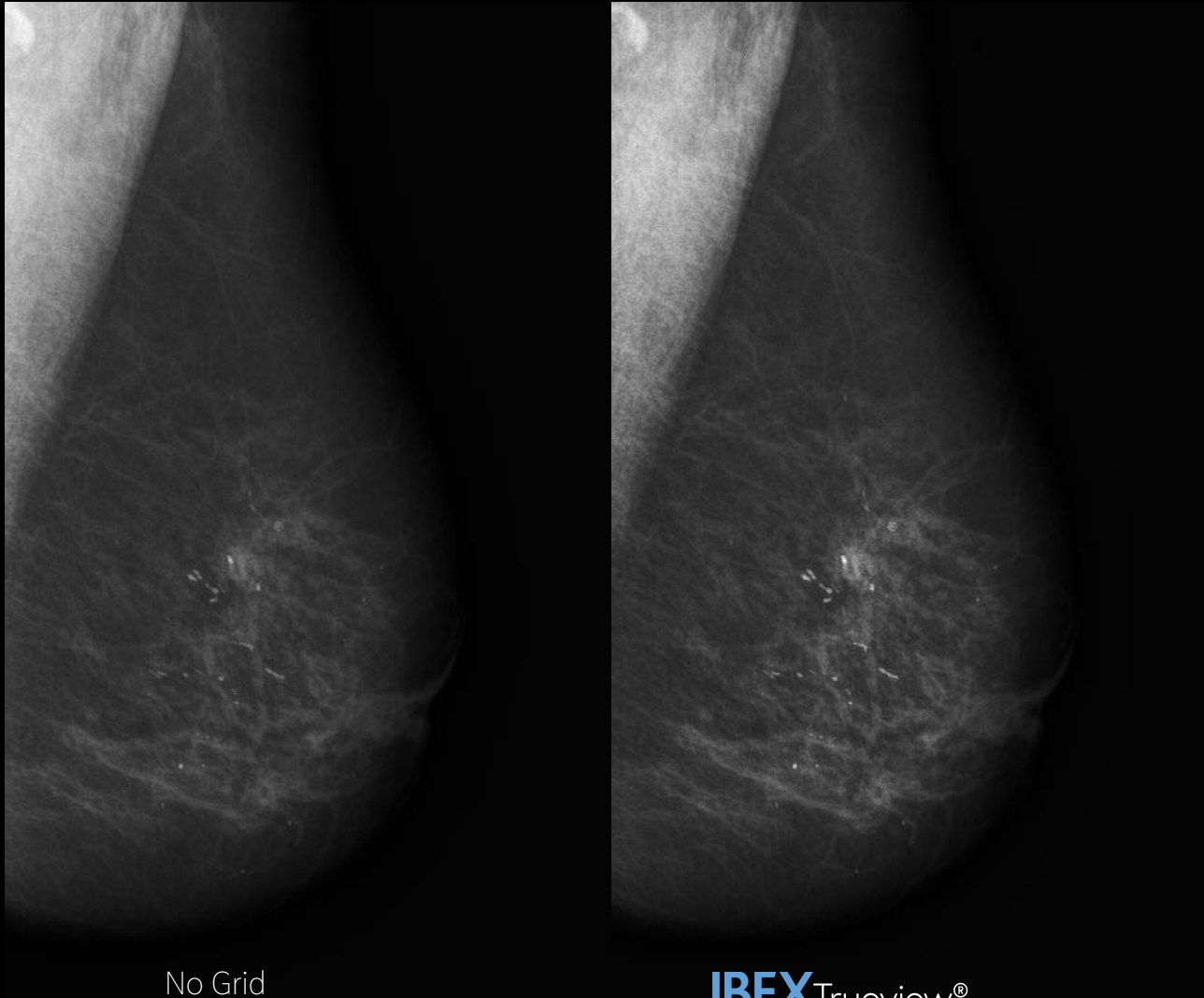
No Grid

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1mm thick DBT slice. 68mm thick breast

Synthetic 2D from DBT



- Reconstructed from scatter corrected projections
- Better image clarity
- Improved image contrast

“Improved contrast and overall a more pleasing image to look at.”
Dr. Simon Lowes, Consultant Radiologist. Gateshead Health NHS Foundation Trust



DBT Opportunity

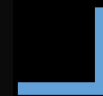


Improved sensitivity and specificity

Fewer false positives

Dose reduction by displacing FFDM

DBT + Synthetic 2D



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Accurate gridless scatter correction

FFDM and DBT compatibility

Effective for all breast compressions

Improved performance at lower dose





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See more clearly