SPINTECH
From image to insight.™

Introducing STAGE

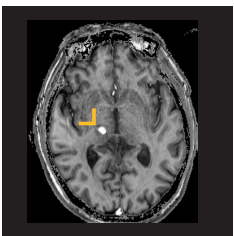Quantitative. Multi-Contrast. Standardized. **40% Faster.**

B1 Corrected PDW	B1 Corrected T1W	T1WE	T1 map	PSD map
SWI	tSWI	tSWIM	MRA	Simulated FLAIR
Simulated DIR GM	Simulated DIR CSF	Reformatted T1WE		pSWIM

STAGE
Strategically **A**cquired **G**radient **E**cho

1 Rapid 5-Minute Acquisition

Seamless, Integrated Processing

2

3 15 Data-Rich, Standardized Outputs

Automated Detection and Quantification
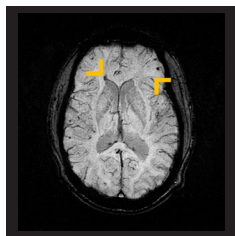
4
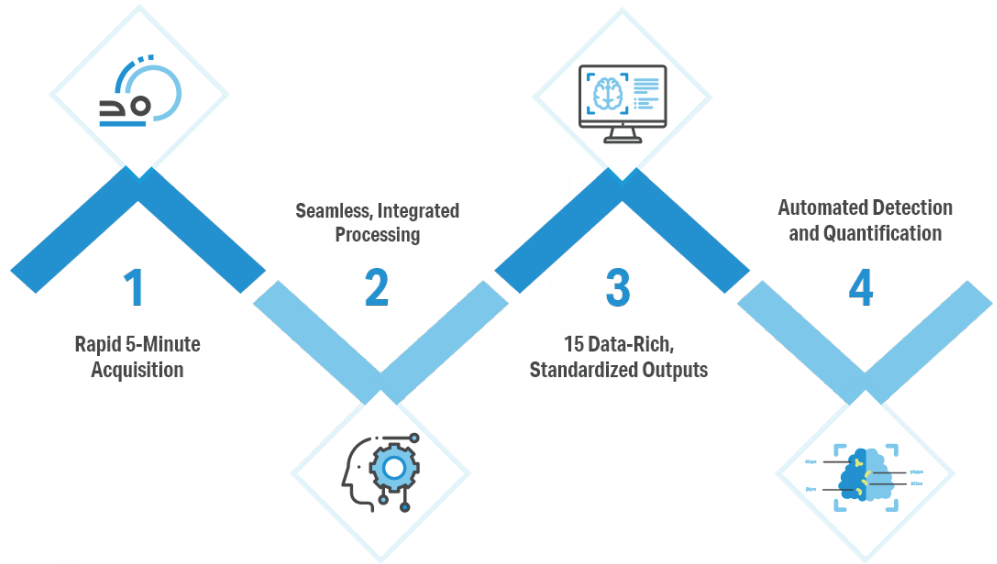
Enhanced Detection Examples

STROKE
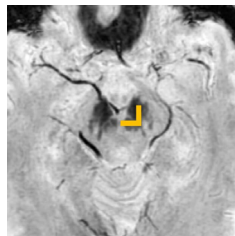Microbleeds, O2 Saturation

TRAUMATIC BRAIN INJURY
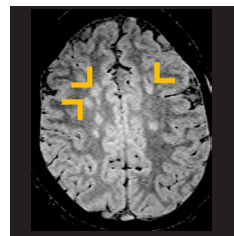Microbleeds, Vessel Shearing

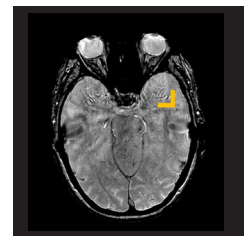### PARKINSON'S
SN Swallow Tail, Neuromelanin

MULTIPLE SCLEROSIS
FLAIR/SWI Mismatch

DEMENTIA
Microbleeds, Volumetrics

☑ Comprehensive brain imaging in a single protocol.

☑ Enhanced visualization and quantification.

☑ Automatic processing.

☑ Standardized data, manufacturer independent.

*STAGE has not been evaluated by the FDA and is intended for research use only

Rapid, Comprehensive Protocol for Advanced Brain Imaging

Method	SpinTech	Conventional
MR Sequences	STAGE, T2FLAIR, DWI	TIW, PDW, SWI, DWI, T2FLAIR
Time @ 1.5T	13:14	22:37
Time @ 3T	9:30	14:27
# of Outputs	17	5

40% Faster Scan Times
Increased patient throughput; Increased reimbursement

Quantitative, Standardized Data
Enables biomarker quantifiction; Cross-platform

Lower Costs
No new capital equipment; Increased efficiency

Enhanced Imaging
Improved visualization; Automatic quantification and detection

Improved Workflow
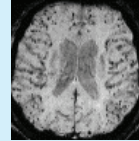Reduced analysis time; Comprehensive acquisition sequence

Full K-Space Coverage
Full 3D Cartesian sampling; compatible with additional scan acceleration methods
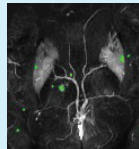
Integrated, Quantitative Post-Processing
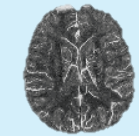Automated Processing Drives Rapid Insights From Rich Data

SWI
Enhanced visualization of iron & oxygen saturation. Differentiates blood from calcium (FDA 510K cleared)
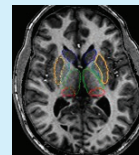
CMB
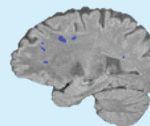AI tool for automatic identification of cerebral microbleeds

SWIM/QSM
Quantification of iron, calcium, and oxygen concentration

Segmentation
Automatic brain segmentation and volume calculation

SWI/FLAIR Composite
White matter lesion quantification and differentiation

Compatible With Third Party Reports
Run your normal quantitative reports on STAGE data

Learn more and explore use cases at:
www.spintechimaging.com/STAGE