

unlocking the potential of ultrasound



Our aim is to not only

help

medical professionals

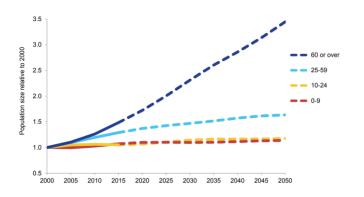
but to use **AI** to unlock ultrasound for

everyone



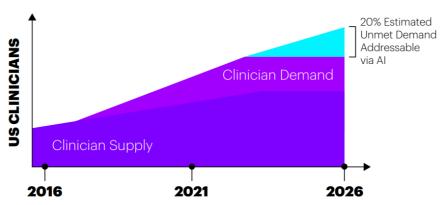
Healthcare trends





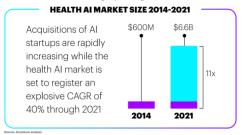
- An aging population will cause clinician demand to outstrip supply
- Al can help meet this need
- Al market in automated diagnosis is valued at \$3B





Accenture

The AI health market is seeing explosive growth



https://www.accenture.com/us-en/insight-artificial-intelligence-healthcare

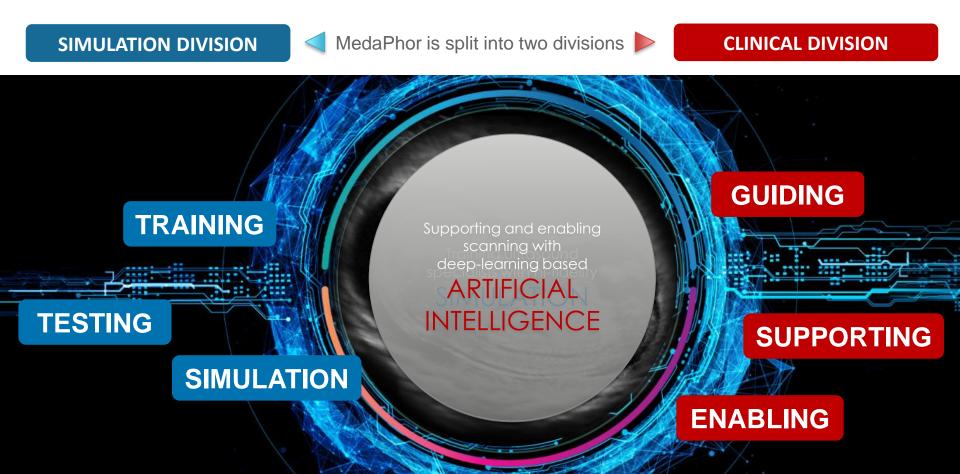
Top 10 AI Applications

	APPLICATION	VALUE*
	Robot-Assisted Surgery**	\$40B
	Virtual Nursing Assistants	\$20B
	Administrative Workflow Assistance	\$18B
A	Fraud Detection	\$17B
	Dosage Error Reduction	\$16B
8	Connected Machines	\$14B
<u>A</u>	Clinical Trial Participant Identifier	\$13B
Ü	Preliminary Diagnosis	\$5B
	Automated Image Diagnosis	\$3B
Ø _A	Cybersecurity	\$2B

TOTAL

~\$150B

Source: Accenture analysis. Graph is not to scale and is illustrative.





SIMULATION DIVISION

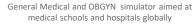
SIMULATION DIVISION

Three of the world's leading ultrasound simulator platforms









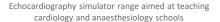


















New ultra-realistic simulator aimed at the Emergency, Intensive Care and Critical Care PoCUS market



SIMULATION DIVISION – revenue performance





H1 2018 GLOBAL REVENUE UP 23% to £2.5m

- UK sales up 66% to £0.5m (2017: £0.3m)
- US sales comparable in the period at £0.7m (2017: £0.7m)
 - Strong H2 expected
- ROW sales up 22% at £1.3m (2017:1.1m)



CLINICAL DIVISION

IMAGE AQUISITION

- Find anatomical structure
- Acquire an image good enough to diagnose from
- Freeze image
- Label image and save
- Apply measurements











PHASE ONE

Benefits of AI in scanning



In a live scan, the clinician wants to concentrate on:

- Scanning the patient
- Identifying anomalies
- Diagnosing the patients condition

In protocol based scanning, they also need to:

• record an image of every key structure

IMAGE DIAGNOSIS

- Confirm structure has been fully scanned
- Identify abnormal structures







PHASE TWO

CLINICAL DIVISION PHASE ONE







- Taught on >350,000 graded obstetric images
- Guides and supports sonographer in a live 20 week scan
- Reduces scanning time and standardises image acquisition
- 100% audit trail
- In period we have:
 - Launched a CE marked pilot system into 2 UK hospitals

ON PILOT IN TWO
UK HOSPITALS





CLINICAL DIVISION PHASE ONE

SCANNAV[™] Auto Capture

- Automatically selects key images during scan
- · Significantly reduces scanning time
- · Standardises image acquisition
- Enables sonographer to focus on diagnosis
- In period we have:
 - Produced working system on FASP protocol
 - As seen on ITV
 - Focussed on identifying OEM partners



CLINICAL DIVISION

SCANNAV[™] | Assist

- Retro-fit software aimed at non-protocol driven scanning
 - Kidney
 - Liver
 - Pancreas etc
- Software automatically detects:
 - Potentially abnormal areas of anatomy
 - If the area has not been completely scanned
- Lowers risk of sonographer missing abnormals
- In period we have:
 - Worked on regulatory pathways
 - Developed working proof of concept device
 - Developed AI models for first key anatomical structure

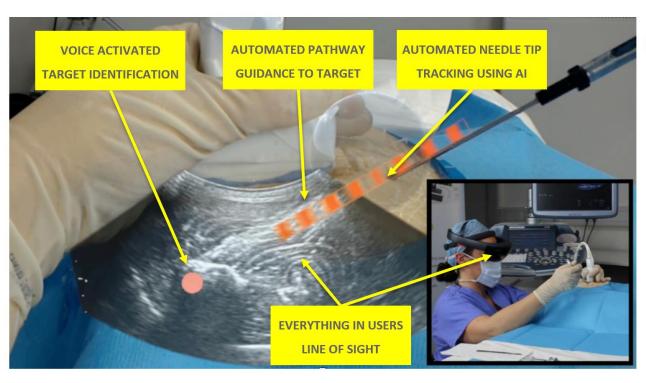


PHASE TWO



- AR and AI based needling assistant
 - Guides operator to reduce error
 - De-skills procedure to increase use
- · Working POC and patent filed
- In period have worked on:
 - Confirmed Innovate UK grant
 - Reviewed regulatory and quality standard pathways
 - Commenced AI models for anatomical structures









Automated home scanning – the future?



Auto referral to GP

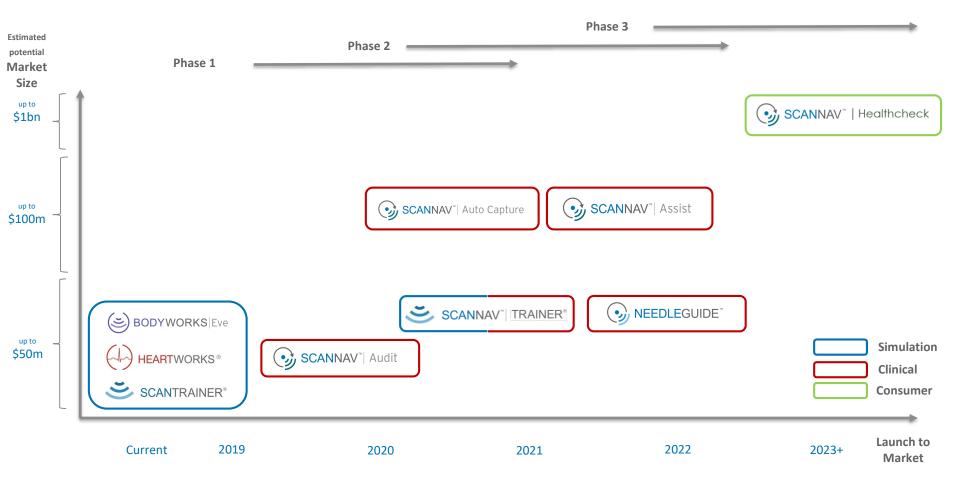
- Aim to utilise low cost consumer scanning devices that plug into phones
- Linking into medical database in the cloud to provide automated scanning at home
- In period we have:
 - Focussed on identifying potential product functionality
 - Initial scoping



an at home using Result at home
ScanNav app

Product summary







FINANCIALS

UNAUDITED 2018 HALF YEAR RESULTS

UNAUDITED 2018 HALF YEAR RESULTS



Summary

- Simulation division sales increased 23% on the comparative period to £2.5m (H1 2017: £2.1m)
- Strong Revenue contribution from the newly launched BodyWorks Eve driven by high uptake from our reseller network.
- Intelligent Ultrasound successfully integrated and new Clinical software division created
- ScanNav artificial intelligence (AI) ultrasound peer review pilot commenced in first UK hospitals
- NeedleGuide Al software development commenced
- Cash balance at 30 June 2018 of £2.5m (31 December 2017: £4.3m)

CONSOLIDATED INCOME STATEMENT



	Notes	Unaudited 6 months ended 30 June 2018		Audited year ended 31 December 2017
		£	£	£
REVENUE Cost of sales	5	2,521,934 (1,191,414)	2,055,490 (768,332)	4,180,630 (1,657,765)
Gross profit		1,330,520	1,287,158	2,522,865
Other income		78,116	-	28,225
Administrative expenses	_	(3,445,988)	(2,598,910)	(5,228,211)
Exceptional administrative income/(costs)	6	149,044		(2,860,774)
Total administrative costs		(3,218,828)	(2,598,910)	(8,060,760)
OPERATING LOSS		(1,888,308)	(1,311,752)	(5,537,895)
Interest income/(Finance costs)		- (4.000.200)	- (4.244.752)	(7,833)
LOSS BEFORE INCOME TAX	7	(1,888,308)	(1,311,752)	(5,545,728)
Income tax credit	7	45,000	88,510	127,609
LOSS ATTRIBUTABLE TO THE EQUITY		(1.042.200)	(4 222 242)	(F 410 110)
SHAREHOLDERS OF THE PARENT		(1,843,308)	(1,223,242)	(5,418,119)
OTHER COMPREHENSIVE INCOME Items that will or may be reclassified to profit or loss:				
Exchange gain/(loss) arising on translation of				
foreign operations		(1,906)	(8,373)	31,171
OTHER COMPREHENSIVE INCOME FOR THE PERIOD		(1,906)	(8,373)	31,171
TOTAL COMPREHENSIVE INCOME ATTRIBUTABLE TO THE EQUITY SHAREHOLDERS OF THE PARENT		(1,845,214)	(1,231,615)	(5,386,948)

REVENUE ANALYSIS



Unaudited 6 months ended 30 June 2018	Simulation Division		Clinical Division	Total
	Distribution	Direct Sales		
	£	£	£	£
United Kingdom	-	548,319	-	548,319
North America	-	656,036	-	656,036
Rest of World	1,317,579	-	-	1,317,579
	1,317,579	1,204,355	-	2,521,934

Unaudited 6 months ended 30 June 2017	Simulation Division		Clinical Division	Total
	Distribution	Direct Sales		
	£	£	£	£
United Kingdom	-	331,363	-	331,363
North America	-	646,715	-	646,715
Rest of World	1,077,412	-	-	1,077,412
	1,077,412	978,078	-	2,055,490

CONSOLIDATED BALANCE SHEET



	Note	Unaudited 30 June 2018	Unaudited 30 June 2017	Audited 31 December 2017
		£	£	£
NON-CURRENT ASSETS				
Intangible assets	9	3,175,456	3,466,340	3,366,477
Property, plant and equipment		417,502	330,843	312,506
		3,592,958	3,797,183	3,678,983
CURRENT ASSETS				
Inventories		468,031	438,206	413,244
Trade and other receivables		1,666,136	1,327,058	1,709,436
Current tax asset		-	55,310	
Cash and cash equivalents		2,498,984	581,855	4,250,198
		4,633,151	2,402,429	6,372,878
TOTAL ASSETS		8,226,109	6,199,612	10,051,861
CURRENT LIABILITIES				
Trade and other payables	10	(2,372,631)	(2,203,659)	(2,356,702)
Provisions		(79,088)	(86,827)	(80,555)
		(2,451,719)	(2,290,486)	(2,437,257)
NON-CURRENT LIABILITIES				
Deferred taxation		(422,994)	(271,133)	(467,994)
		(422,994)	(271,133)	(467,994)
TOTAL LIABILITIES		(2,874,713)	(2,561,619)	(2,905,251)
NET ASSETS		5,351,396	3,637,993	7,146,610
EQUITY				
Ordinary share capital	11	907,015	318,986	907,015
Share premium		12,216,670	7,267,139	12,216,670
Accumulated losses		(14,267,239)	(8,229,054)	(12,423,931)
Share-based payment reserve		463,600	356,600	413,600
Merger reserve		6,013,065	3,943,675	6,013,065
Foreign exchange reserve		18,285	(19,353)	20,191
TOTAL EQUITY		5,351,396	3,637,993	7,146,610

CURRENT LIABILITIES – TRADE AND OTHER PAYABLES



	Unaudited	Unaudited	
	30 June	30 June	Audited
	2018	2017	31 December
			2017
	£	£	£
Trade payables	477,904	575,680	389,911
Taxation and social security	94,042	68,160	80,319
Accruals	449,386	371,821	454,490
Deferred income	362,433	187,998	298,065
Warrants	125,669	-	125,669
Retention consideration shares	786,819	1,000,000	926,396
Retention consideration warrants	53,368	-	62,835
Other	23,010	-	19,017
	2,372,631	2,203,659	2,356,702

CONSOLIDATED CASH FLOW



CASH FLOW FROM CONTINUING OPERATING ACTIVITIES	Unaudited 6 months ended 30 June 2018 £	Unaudited 6 months ended 30 June 2017 £	Audited year ended 31 December 2017 £
Loss before tax	(1,888,308)	(1,311,752)	(5,545,728)
Depreciation	107,309	101,344	
Amortisation of intangible assets	497,687	350,596	793,543
Impairment of goodwill	-	-	3,328,166
Fair value adjustment on contingent consideration	(149,044)	-	(636,628)
Finance costs	-	-	7,833
Share-based payments expense	50,000	35,000	92,000
Operating cash flows before movement in working capital	(1,382,356)	(824,812)	(1,728,445)
Movement in inventories	(54,787)	44,132	69,094
Movement in trade and other receivables	43,300	287,480	(61,351)
Movement in trade and other payables	163,506	(417,671)	(575,798)
Cash used in operations	(1,230,337)	(910,871)	(2,296,500)
Income taxes received	-	45,534	100,844
NET CASH USED IN OPERATING ACTIVITIES	(1,230,337)	(865,337)	(2,195,656)
CASH FLOWS FROM INVESTING ACTIVITIES			
Purchase of property, plant and equipment	(212,305)	(65,646)	(183,012)
Disposal of property, plant and equipment	-	-	11,440
Internally generated and purchase of intangible assets	(306,666)	(244,652)	. , ,
Cash used in acquisition of subsidiaries	-	-	(72,000)
Cash acquired on acquisition of subsidiaries		-	1,559
NET CASH USED IN INVESTING ACTIVITIES	(518,971)	(310,298)	(734,131)
CASH FLOWS FROM FINANCING ACTIVITIES			
Issue of new shares	_		5,515,665
Share issue costs	-	-	(124,881)
Finance costs paid	_	-	(7,833)
NET CASH GENERATED FROM FINANCING ACTIVITIES	-	-	5,382,951
Exchange (losses)/gains on cash and cash equivalents	(1,906)	(8,373)	
NET (DECDEASE) (INICREASE INICASH AND CASH FOUNDALENT	(4.754.244)	(4.404.000)	2.494.225
NET (DECREASE)/INCREASE IN CASH AND CASH EQUIVALENTS CASH AND CASH EQUIVALENTS AT BEGINNING OF PERIOD		(1,184,008)	, ,
CASH AND CASH EQUIVALENTS AT END OF PERIOD CASH AND CASH EQUIVALENTS AT END OF PERIOD	4,250,198	1,765,863 581,855	
CASH AND CASH EQUIVALENTS AT END OF PERIOD	2,498,984	381,855	4,250,198





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