

# **Neuronetics**, Inc.

NASDAQ: STIM

### Company Presentation October 2020

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### **Presenters**

Keith Sulivan	Steve Furlong
President & CEO	Vice President & Chief Financial Officer
30 years of experience:	32 years of experience:
ZELTIQ MEDICIS	METABOLON Rapidmicro
COHERENT. fraxel	HOLOGIC Raytheon

# **Neuronetics Snapshot**

- NeuroStar Advanced Therapy Transcranial Magnetic Stimulation (TMS)
  - Focused on psychiatric indications
  - Current Indication: Major Depressive Disorder (MDD) in adults failed to receive satisfactory improvement from prior antidepressant medication in the current episode
  - Safe, effective and non-invasive office-based treatment
  - FDA cleared 2008
  - CE mark (2012) and approved in Japan in September 2017. Reimbursement in Japan acquired in June 2019



### **Investment Highlights**



# **Major Depressive Disorder**



#### **Disease Overview**

- Characterized by depressed mood or loss of interest in pleasure for at least two weeks
- Periods of remission and relapse over a lifetime
- 300 million people worldwide living with depression
  - 13 million adults with MDD in the US
  - 3.0% incidence rate

#### **Disease Burden**

• Economic burden in US of \$210 billion annually

#### **Medical Management**

- First line treatment is antidepressants with or without psychotherapy
  - Care by PCP, followed by referral to psychiatrist after failed treatment attempt

#### MDD is a leading cause of disability and a major contributor to suicide worldwide \*

\*Source: https://www.who.int/news-room/fact-sheets/detail/depression

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### **Transcranial Magnetic Stimulation**

- TMS uses pulsed, MRI-strength magnetic field
- Induces electrical currents to stimulate specific areas of brain associated with mood
- Stimulation triggers a cascading electro-chemical effect
- Changes connections in brain structures to improve neuronal circuit activity and mood



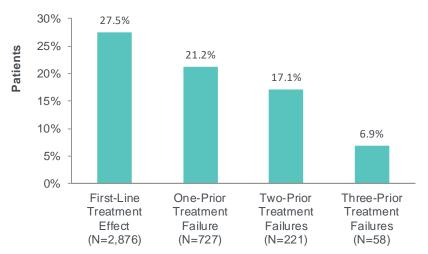


Effectiveness of TMS therapy depends on precise and targeted stimulation that is consistent and repeatable over treatment sessions

# **Limitations of Antidepressant Medications**

#### Limited Effectiveness

#### STAR\*D Study<sup>1</sup> Achieving Remission (HAMD 17)



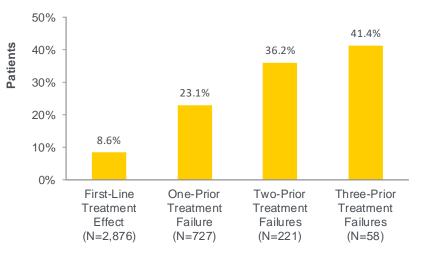
- Approximately 28% and 21% of patients achieved remission in their first and second medication attempts, respectively
- Likelihood of remission was limited and declined with each new medication attempt

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#### Treatment-Emergent Side Effects

STAR\*D Study<sup>1</sup> Discontinuation Due to Side Effects

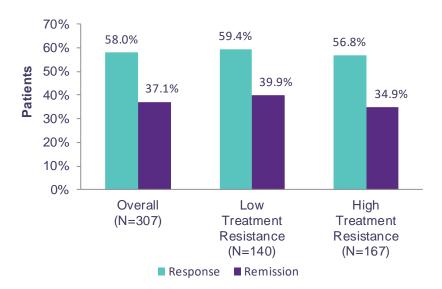


- Likelihood of discontinuing treatment increased
  with each new medication attempt
- In the fourth treatment attempt, likelihood of dropping out of treatment had more than quadrupled
- Adverse events discontinuation rate in monotherapy 9% to 41%

1. Trivedi MH, et al. (2006). Evaluation of Outcomes with Citalopram for Depression Using Measurement-Based Care in Sequenced Treatment Alternatives to Relative Depression ("STAR\*D") Implications for Clinical Practice. Am J Psychiatry, 163(1):28-40.

# **Clinically Proven Solution**

Acute Phase in Real-World Clinical Settings Study<sup>1</sup>

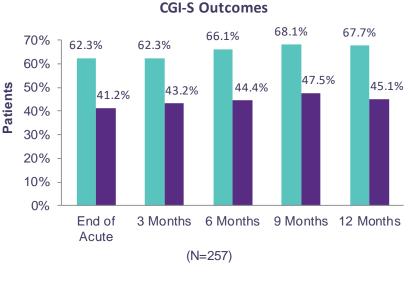


#### CGI-S Outcomes

1 in 2 patients respond

1 in 3 patients achieve remission

Long-term Durability in Real-World Clinical Settings Study<sup>2</sup>



Response Remission

• Long-term durability has been demonstrated with response and remission rates among users

#### **Outcomes Registry**

- World's largest registry of treatment resistant depression with over 9,300 enrolled patients, of those >5,500 evaluable patients, across >100 treatment facilities
- Remission rate of 33% and response rate of 62% for over 5,500 self-evaluating patients
- Remission rate of 52% and response rate of 73% for 1,800+ patients evaluated by clinician rating scale



# **Clinically Proven Solution**

### **Two Randomized Controlled Trials**

- Sponsored largest RCT, sham-controlled TMS trial ever conducted
  - Enrolled 325 adult patients with treatment resistant MDD
    - **Primary Efficacy Endpoint:** MADRS at 4 weeks (P=0.057); not achieved but clinically meaningful improvement demonstrated
    - Secondary Efficacy Endpoints Included: HAMD 17 at 4 and 6 weeks (P=0.006 and P=0.005, respectively); HAMD 24 at 4 and 6 weeks (P=0.012 and P=0.015, respectively)
  - Basis of initial 510(k) clearance in 2008 failed one prior antidepressant medication<sup>1</sup>
    - All patients who failed one prior researchgrade Rx (N=164; MADRS, P=0.0006)
- Second, industry-independent RCT, sham-controlled trial funded by the NIMH
  - Enrolled 199 adult patients with treatment resistant MDD
    - Primary Efficacy Endpoint: Remission measured using HAMD 24 at up to 6 weeks (P=0.02)
  - Basis of expanded labeling in 2014 failed <u>one or more</u> prior antidepressants<sup>2</sup>

### Unmatched Body of TMS Clinical Data



### Safety Record

- > 3.2 million treatment sessions delivered globally
- > 89,000 patients treated
- Adverse events discontinuation rate ~5%<sup>3</sup>

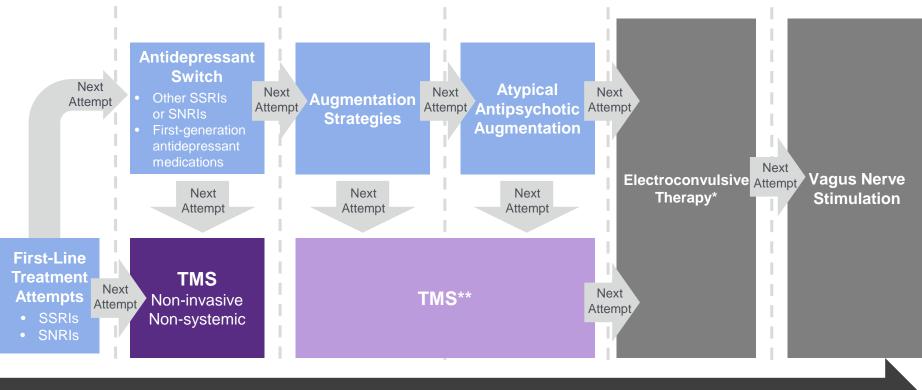


- 1. O'Reardon, J.P., et al. (2007) Biological Psychiatry, 62(11):1208–1216
- George, M.S., et al. (2010) Archives of General Psychiatry, now published as JAMA Psychiatry, 67(5):507–516
  In sham-controlled studies

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### **MDD Patient Continuum of Care**



#### Psychotherapy

NeuroStar Advanced Therapy is indicated for treatment of MDD in adult patients who have failed to achieve satisfactory improvement from prior antidepressant medication in the current episode

\* ECT may be used earlier in the patient continuum of care in patients experiencing catatonia, acute suicidal behaviors or psychotic symptoms \*\* TMS may be used at any point along the continuum of care following one or more failed treatment attempts

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# **Our Solution: NeuroStar Advanced Therapy**

### NeuroStar Advanced Therapy System



### Efficient

- Non-invasive and no anesthesia
- MT Assist
- Treatment time as low as 19 minutes
- TrakStar stores patient's treatment data

### Therapy

- Psychiatrist establishes treatment dose and positioning in first session
- Five days a week for up to six weeks
- Trained member of office staff may administer subsequent treatment sessions under psychiatrist supervision

### **Precise**

 Proprietary SenStar Connect contact sensing



- SenStar magnetic field detector
- Proprietary, laser-aligned, six-point coordinate system

### **Efficient, Specialty-Focused Commercialization Model**

### \$6.0B US Addressable Market Opportunity\*

		# of Psychiatrists	# of Sites	# of Patients Treated				
	Total	56,100	37,700	~7.6M Patients				
	Acute Care Community + Behavioral Health Hospitals + Other Sites	6,800	11,400	~2.2M Patients				
	Solo and Group Practice Sites	49,300	26,300	~5.4M Patients				
Top 22 repres	and CO0/	INT DYNAMIC stimated 1.6M eatable patients \$3.7B*	B	rrent DM Points				
Remain represe	ning <b>78%</b> of practices ent <b>40%</b> of the patients e or ~ <b>2.1M</b> patients	Estimated 1. treatable pati \$2.3B*	OM ents	"TMS-Only" Providers				

\*Represents potential revenues from treatment sessions annually, based on expected revenues for a standard course of treatment

# **Payors and Reimbursement**

### **Payor Coverage**

- Estimated to cover 95% of total private payor covered lives in the US
- 95+ major US private insurers provide coverage policies
  - The top 25 US private insurers, including United/OPTUM, Anthem, Aetna, Cigna, HCSC, TRICARE and Humana, represent 205 million covered lives<sup>1</sup> in excess of 200 million<sup>2</sup>
- 100% Medicare Coverage
  - 59.7 million covered lives<sup>2</sup>

### Reimbursement

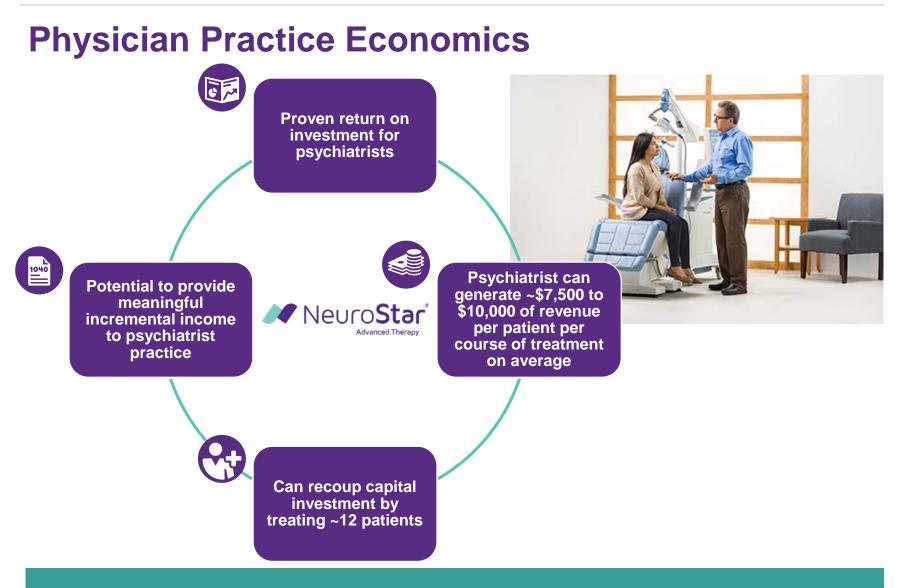
Covers MT assist and treatment sessions

CPT Code	Reimbursement
90867	MT Assist and Treatment Session
90868	Treatment Session
90869	Subsequent MT Assist and Treatment Session

1. As of March 15, 2018

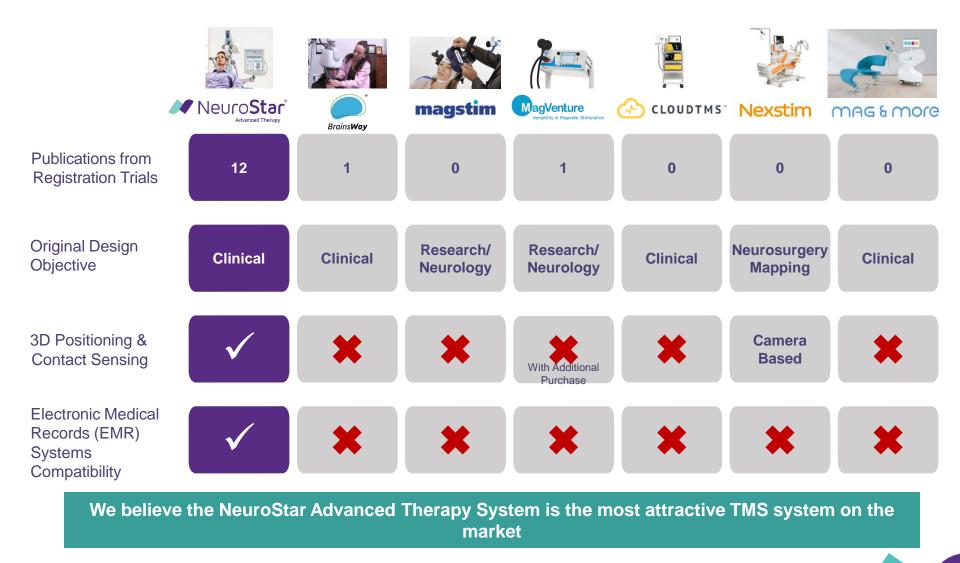
2. As of April 1, 2019



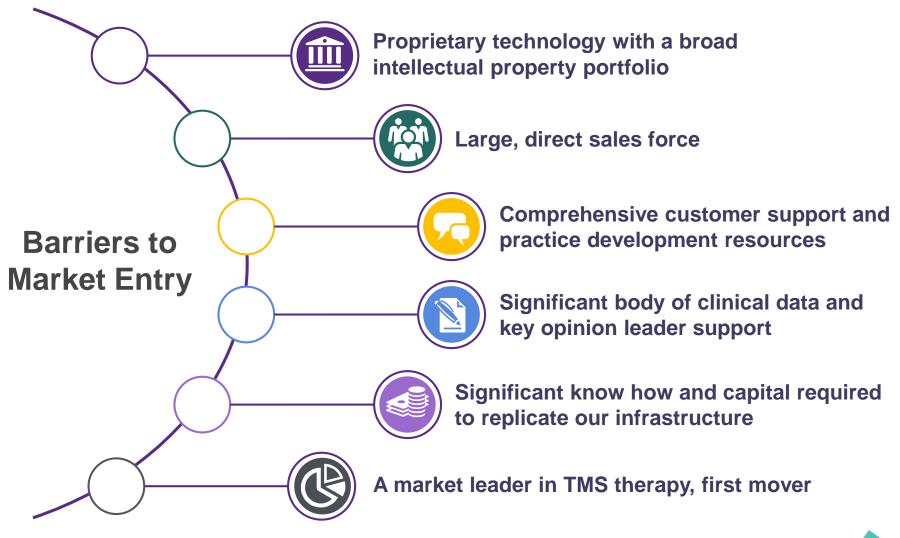


NeuroStar Advanced Therapy has potential to enhance psychiatrist practice economics

# **Competitive Positioning**

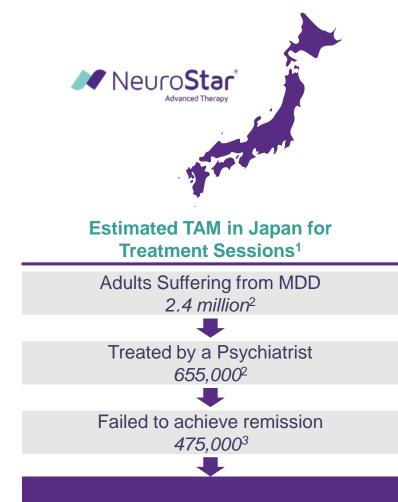


### **Barriers to Entry**



# **Japan Growth Opportunity**

- Primary international focus is on Japan
- Third largest healthcare spend globally
- Single payor healthcare system
- Shonin Approval: September 2017
- Exclusive distribution agreement with Teijin Pharma signed October 2017
  - Teijin to promote sales of systems and treatment sessions
  - Minimum purchase requirements
  - Milestone payments received in 2017, \$2.8M
- Reimbursement listing effective June 2019
  - 2<sup>nd</sup> Milestone payment received in 2019, \$0.7M
  - 158 hospitals qualified
  - Approved reimbursement amount is ¥12,000



#### ~\$600 Million Addressable Market

#### Japan represents a large market opportunity

- Assumes psychiatrist reimbursement levels per treatment course are similar to those in the U.S.
- 2. Source: National Center for Biotechnology and Information Estimate based on Star\*D data and all of whom covered by J

Estimate based on Star\*D data and all of whom covered by Japan's single payor healthcare system

### **Intellectual Property**

### **Patent Portfolio**

- Largest of any TMS system provider
- Issued or allowed patents: 39 US / 52 OUS
- Pending patent applications:
  6 US / 9 OUS

#### **Key Portfolio Coverage Areas**

- Contact Sensing
  - Multiple, US patent expires 2024-2027
- MT Assist
  - US patent expires
    2024



- Iron Core Magnet
  - Multiple, US patents expire 2025–2027



The largest IP portfolio of all TMS competitors, protecting our technical advantage and ensuring freedom to operate globally

### **Management and Board of Directors**

### Management

Keith Sullivan	President and CEO
Janie Bates	VP, Marketing
Steve Furlong	VP, CFO
Sara Grubbs	VP, Sales
Daniel Guthrie	VP, CCO
Greg Harper	VP, Product Development & Operations
Andrew Macan	SVP, General Counsel, Chief Compliance Officer, and Corporate Secretary
Anthony Pui	VP, International Commercial Development
Kara Thornton	Senior Director, Head of Human Resources

### **Board of Directors**

John Bakewell	Former EVP and CFO, Wright Medical Group
Sheryl L. Conley	Former Global President and Chief Marketing Officer, Zimmer Holdings
Brian Farley	Chairman; Former CEO and Chairman, Entellus Medical
Wilfred Jaeger	Three Arch Partners
Glenn Muir	Former CFO, Hologic
Bruce J. Shook	Director, President and CEO, Intact Vascular and Vesper Medical
Keith Sullivan	President and CEO, Neuronetics, Inc.





# **Annual Revenue**

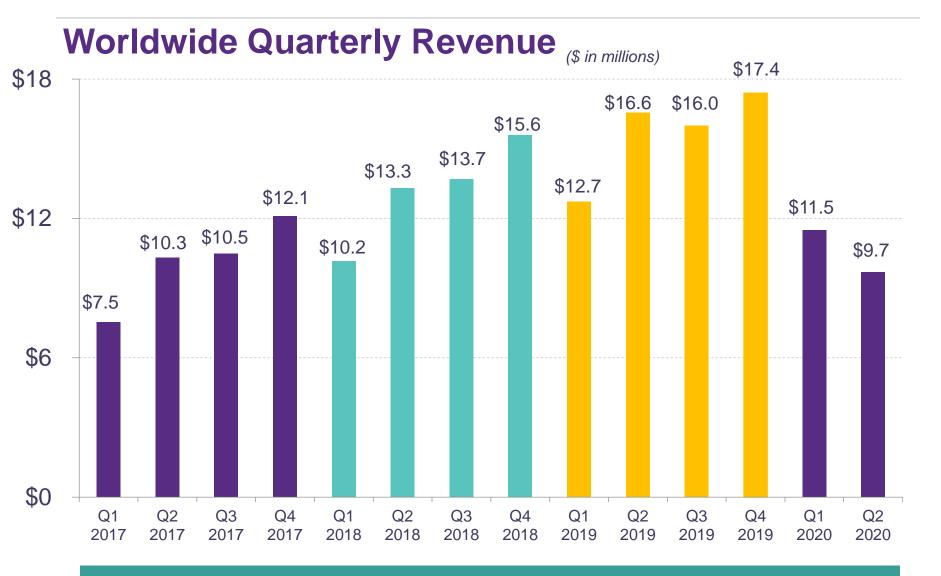
(\$ in millions)



### Annual Product Revenue (US)



■ NeuroStar Systems ■ Treatment Sessions ■ Other



Q2 2020 Revenue \$9.7M versus \$16.6M in Q2 2019



### **Results of Operations**

	Year E Decem		Six Months Ended June 30,		
(\$ in thousands)	2018	2019	2019	2020	
Revenues	\$52,776	\$62,656	\$29,300	\$21,217	
YOY Growth	31%	19%		-28%	
Gross Profit	40,329	47,267	22,322	16,083	
Gross Margin	76%	75%	76%	76%	
Operating Expenses:					
Sales and Marketing % of Revenues	38,264 73%	42,993 69%	21,115 <i>7</i> 2%	18,874 <i>89%</i>	
General and Administrative % of Revenues	13,667 <i>26%</i>	17,457 28%	8,860 <i>30%</i>	9,298 <i>44%</i>	
Research and Development % of Revenues	8,232 16%	13,747 22 <i>%</i>	6,010 <i>21%</i>	5,137 <i>24%</i>	
Total Operating Expenses	60,163	74,197	35,985	33,309	
Loss from Operations	(\$19,834)	(\$26,930)	(\$13,663)	(\$17,226)	
% of Revenues	(38%)	(43%)	(47%)	(82%)	

# **Financial Position**

(\$ in thousands)	As of June 30, 2020
Cash and Cash Equivalents	\$53,997
Other Assets	\$25,997
Total Assets	\$79,994
Current Debt, net	\$34,373
Convertible Preferred Stock Warrant Liability	\$0
Convertible Preferred Stock	\$0
Accumulated Deficit	(\$270,465)
Total Stockholders' Equity	\$29,440





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# **Supplemental Information**





**Weuronetics** 

### **NeuroStar Unit Sales and Installed Base**

		20	18		2019				2020	
Unit Sales	Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
Total NeuroStar Units (Capital Sales, Sales Type Leases, Operating Leases) (1)	30	47	48	65	43	61	68	78	38	35
ΥοΥ Δ	50%	62%	50%	55%	43%	30%	42%	20%	-12%	-43%
Beginning Active Installed Base	752	781	816	858	907	931	976	1,032	1,085	1,119
Ending Active Installed Base	781	816	858	907	931	976	1,032	1,085	1,119	1,122
ΥοΥ Δ	16%	18%	18%	21%	19%	20%	20%	25%	20%	15%
Net Active Installed Base Change	29	35	42	49	24	45	56	53	34	3
ΥοΥ Δ	21%	84%	20%	81%	-17%	29%	33%	8%	42%	-93%
Inactive Systems (Calculation) (2)	-1	-12	-6	-16	-19	-16	-12	-25	-4	-32
Inactive System Churn % (Calculation) (3)	-0.1%	-1.5%	-0.7%	-1.9%	-2.1%	-1.7%	-1.2%	-2.4%	-0.4%	-2.9%

(1) = Includes all active systems placed during the period. In 2018, this included 15 operating leases: Q1-6, Q2-4, Q3-1, Q4-4.

(2) = Calculation: (Ending Installed Base - Beginning Installed Base) - Total NeuroStar Units

(3) = Calculation: Inactive Systems / Ending of Prior Period Installed Base

### **NeuroStar Revenue**

 $\label{eq:linear} \begin{array}{l} \mbox{NeuroStar Revenue} \\ \mbox{Total U.S. NeuroStar Revenue ($000s)} \\ \mbox{YoY } \varDelta \end{array}$ 

U.S. NeuroStar Capital Revenue (\$000s) (4) YoY  $\Delta$ 

U.S. NeuroStar Operating Lease Revenue (\$000s) (5) YoY  $\varDelta$ 

U.S. NeuroStar Other (\$000s) (6) YoY  $\Delta$ 

	20	)18			20	2020			
Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
\$2,373	\$3,568	\$3,908	\$4,754	\$3,350	\$4,628	\$4,616	\$5,413	\$2,594	\$2,338
80%	42%	38%	37%	41%	30%	18%	14%	-23%	-49%
\$1,909	\$3,268	\$3,428	\$4,338	\$2,939	\$4,034	\$4,264	\$4,959	\$2,410	\$2,224
76%	65%	54%	47%	54%	23%	24%	14%	-18%	-45%
\$258	\$181	\$269	\$231	\$182	\$187	\$184	\$177	\$155	\$114
13%	-38%	-7%	-2%	-29%	3%	-31%	-24%	-15%	-39%
\$206	\$120	\$211	\$185	\$229	\$407	\$167	\$278	\$29	\$0
NM	-50%	-34%	-35%	11%	239%	-21%	50%	-87%	-100%

(4) = Revenue includes NeuroStar System Capital Sales and Sales Type Leases

(5) = Revenue derived from Operating Lease revenue amortization during the period

(6) = Revenue derived from Treatment Coils in U.S.



### **NeuroStar Treatment Sessions**

Active Installed Base (Ending of Prior Quarter)

Avg. Revenue per Active System (\$000s) (8) YoY  $\varDelta$ 

	20	)18			20	2020			
Q1-18	Q2-18	Q3-18	Q4-18	Q1-19	Q2-19	Q3-19	Q4-19	Q1-20	Q2-20
\$7,240	\$8,920	\$9,218	\$9,909	\$8,778	\$10,847	\$10,252	\$11,243	\$8,193	\$6,547
26%	21%	28%	23%	21%	22%	11%	13%	-7%	-40%
752	781	816	858	907	931	976	1,032	1,085	1,119
\$9.6	\$11.4	\$11.3	\$11.5	\$9.7	\$11.7	\$10.5	\$10.9	\$7.6	\$5.9
8%	4%	8%	4%	1%	2%	-7%	-6%	-22%	-50%

(8) = Total Treatment Session Revenue / Active Installed Base (Ending of Prior Quarter)



# Neuronetics, Inc. Supplemental Financial and Operating Information

		20	)18				2020	2020	2018	2019		
Revenue (\$ thousands)	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	FY	FY
NeuroStar Capital (1) YoY Change	<b>\$1,909</b> 76%	<b>\$3,268</b> 65%	<b>\$3,428</b> 54%	<b>\$4,338</b> 47%	<b>\$2,939</b> 54%	<b>\$4,034</b> 23%	<b>\$4,264</b> 24%	<b>\$4,959</b> 14%	<b>\$2,410</b> -18%	<b>\$2,224</b> -45%	<b>\$12,942</b> 57%	<b>\$16,196</b> 25%
NeuroStar Operating Lease (2)	\$258	\$181	\$269	\$231	\$182	\$187	\$184	\$177	\$155	\$114	\$939	\$730
YoY Change	13%	-38%	-7%	-2%	-29%	3%	-31%	-24%	-15%	-39%	-10%	-22%
Other (3) YoY Change	\$206 NM	\$120 <i>-50%</i>	\$211 <i>-34%</i>	\$185 <i>-35%</i>	\$229 11%	\$407 239%	\$167 <i>-21%</i>	\$278 50%	\$29 <i>-87%</i>	\$0 -100%	\$722 <i>-15%</i>	\$1,081 50%
Total U.S. NeuroStar Advanced Therapy System Revenues	\$2,373	\$3,568	\$3,908	\$4,754	\$3,350	\$4,628	\$4,616	\$5,413	\$2,594	\$2,338	\$14,603	\$18,007
YoY Change	80%	42%	38%	37%	41%	30%	18%	14%	-23%	-49%	44%	23%
Total U.S. Treatment Sessions Revenues	\$7,240	\$8,920	\$9,218	\$9,909	\$8,778	\$10,847	\$10,252	\$11,243	\$8,193	\$6,547	\$35,287	\$41,120
YoY Change	26%	21%	28%	23%	21%	22%	11%	13%	-7%	-40%	24%	17%
Total U.S. Other Revenues	\$359	\$410	\$392	\$426	\$418	\$415	\$426	\$374	\$390	\$382	\$1,587	\$1,633
YoY Change	11%	25%	15%	21%	16%	1%	9%	-12%	-7%	-8%	19%	3%
Total U.S. Revenues	\$9,972	\$12,898	\$13,518	\$15,089	\$12,546	\$15,890	\$15,294	\$17,030	\$11,177	\$9,267	\$51,477	\$60,760
YoY Change	35%	26%	30%	27%	26%	23%	13%	13%	-11%	-42%	29%	18%
Total International Revenues	\$180	\$354	\$219	\$546	\$182	\$682	\$706	\$326	\$299	\$474	\$1,299	\$1,896
YoY Change	36%	325%	137%	100%	1%	93%	222%	-40%	64%	-30%	124%	46%
Total Revenues	\$10,152	\$13,252	\$13,737	\$15,635	\$12,728	\$16,572	\$16,000	\$17,356	\$11,476	\$9,741	\$52,776	\$62,656
YoY Change	35%	29%	31%	29%	25%	25%	16%	11%	-10%	-41%	31%	19%
			018				)19		2020	2020	2018	2019
Operating and Financial Metrics	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	FY	FY
Active Installed Base												
Active Installed Base - Beginning of Period	752	781	816	858	907	931	976	1,032	1,085	1,119	752	907
Active Installed Base - End of Period	781	816	858	907	931	976	1,032	1,085	1,119	1,122	907	1,085
Total NeuroStar Systems Sold (4)	24	43	47	61	43	61	68	78	38	35	175	250
YoY Change	71%	72%	57%	53%	79%	42%	45%	28%	-12%	-43%	61%	43%
Average Revenue Per Active System (\$) (5)		\$11,421	\$11,297	\$11,549	\$9,678	\$11,651	\$10,504	\$10,895	\$7,552	\$5,850	\$46,924	\$45,337
YoY Change	8%	4%	8%	4%	1%	2%	-7%	-6%	-22%	-50%	7%	-3%

(1) = Revenue from Capital Sales and Sales Type Leases

(2) = Revenue derived from Operating Lease revenue during the period

(3) = Primarily includes revenue derived from Treatment Coils in US

(4) = Includes all systems sold during the period, both as Capital Sales or Sales-Type-Leases

(5) = Total Treatment Session Revenue / Active Installed Base (End of Prior Period)

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