

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6057(b) and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2019 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information		
For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</u>			
A	This return/report is for:	☐ a multiemployer plan ☐ a multiple-employer plan (Filers checking this box must attach a list of participating employer information in accordance with the form instructions.)	
	☒ a single-employer plan ☐ a DFE (specify) ____		
B	This return/report is:	☐ the first return/report ☐ the final return/report ☐ an amended return/report ☐ a short plan year return/report (less than 12 months)	
C	If the plan is a collectively-bargained plan, check here. ☐		
D	Check box if filing under:	☒ Form 5558 ☐ automatic extension ☐ the DFVC program ☐ special extension (enter description)	

Part II	Basic Plan Information —enter all requested information		
1a	Name of plan <u>SHOCKWAVE MEDICAL, INC. 401(K) PLAN</u>	1b	Three-digit plan number (PN) ▶ <u>001</u>
		1c	Effective date of plan <u>01/01/2015</u>
2a	Plan sponsor's name (employer, if for a single-employer plan) Mailing address (include room, apt., suite no. and street, or P.O. Box) City or town, state or province, country, and ZIP or foreign postal code (if foreign, see instructions) <u>SHOCKWAVE MEDICAL, INC.</u> <u>5403 BETSY ROSS DRIVE</u> <u>SANTA CLARA, CA 95054</u>	2b	Employer Identification Number (EIN) <u>27-0494101</u>
		2c	Plan Sponsor's telephone number <u>510-279-3104</u>
		2d	Business code (see instructions) <u>339110</u>

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature.	10/08/2020	TRINH PHUNG
	Signature of plan administrator	Date	Enter name of individual signing as plan administrator
SIGN HERE			
	Signature of employer/plan sponsor	Date	Enter name of individual signing as employer or plan sponsor
SIGN HERE			
	Signature of DFE	Date	Enter name of individual signing as DFE

For Paperwork Reduction Act Notice, see the Instructions for Form 5500.

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v. 190130

3a Plan administrator's name and address ☒ Same as Plan Sponsor	3b Administrator's EIN 3c Administrator's telephone number
4 If the name and/or EIN of the plan sponsor or the plan name has changed since the last return/report filed for this plan, enter the plan sponsor's name, EIN, the plan name and the plan number from the last return/report: a Sponsor's name SHOCKWAVE MEDICAL, INC. c Plan Name SHOCKWAVE MEDICAL., INC. 401(K) PLAN	4b EIN 27-0494101 4d PN 001
5 Total number of participants at the beginning of the plan year	5 147
6 Number of participants as of the end of the plan year unless otherwise stated (welfare plans complete only lines 6a(1) , 6a(2) , 6b , 6c , and 6d).	
a(1) Total number of active participants at the beginning of the plan year	6a(1) 133
a(2) Total number of active participants at the end of the plan year	6a(2) 257
b Retired or separated participants receiving benefits.....	6b 0
c Other retired or separated participants entitled to future benefits	6c 29
d Subtotal. Add lines 6a(2) , 6b , and 6c	6d 286
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.	6e 0
f Total. Add lines 6d and 6e	6f 286
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item)	6g 254
h Number of participants who terminated employment during the plan year with accrued benefits that were less than 100% vested	6h 0
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item).....	7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2F 2G 2J 2K 2S 2T 3D 2E	
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:	

9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor	9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
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10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)

a Pension Schedules

- (1)** ☒ **R** (Retirement Plan Information)
- (2)** ☐ **MB** (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary
- (3)** ☐ **SB** (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary

b General Schedules

- (1)** ☒ **H** (Financial Information)
- (2)** ☐ **I** (Financial Information – Small Plan)
- (3)** ☐ **0** **A** (Insurance Information)
- (4)** ☒ **C** (Service Provider Information)
- (5)** ☐ **D** (DFE/Participating Plan Information)
- (6)** ☐ **G** (Financial Transaction Schedules)

Part III Form M-1 Compliance Information (to be completed by welfare benefit plans)

11a If the plan provides welfare benefits, was the plan subject to the Form M-1 filing requirements during the plan year? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

If "Yes" is checked, complete lines 11b and 11c.

11b Is the plan currently in compliance with the Form M-1 filing requirements? (See instructions and 29 CFR 2520.101-2.) ☐ Yes ☐ No

11c Enter the Receipt Confirmation Code for the 2019 Form M-1 annual report. If the plan was not required to file the 2019 Form M-1 annual report, enter the Receipt Confirmation Code for the most recent Form M-1 that was required to be filed under the Form M-1 filing requirements. (Failure to enter a valid Receipt Confirmation Code will subject the Form 5500 filing to rejection as incomplete.)

Receipt Confirmation Code _____

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2019
		This Form is Open to Public Inspection.

For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan SHOCKWAVE MEDICAL, INC. 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 SHOCKWAVE MEDICAL, INC.	D Employer Identification Number (EIN) 27-0494101	

Part I	Service Provider Information (see instructions)
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You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL
04-2647786

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

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04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64 65	RECORDKEEPER	125	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☐ No ☒

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3. If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.	

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide
(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III Termination Information on Accountants and Enrolled Actuaries (see instructions)
(complete as many entries as needed)

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ► File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection
For calendar plan year 2019 or fiscal plan year beginning 01/01/2019 and ending 12/31/2019		
A Name of plan SHOCKWAVE MEDICAL, INC. 401(K) PLAN	B Three-digit plan number (PN) ►	001
C Plan sponsor's name as shown on line 2a of Form 5500 SHOCKWAVE MEDICAL, INC.	D Employer Identification Number (EIN) 27-0494101	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a	0	0
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions.....	1b(1)	0	0
(2) Participant contributions.....	1b(2)	0	0
(3) Other.....	1b(3)	0	0
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit).....	1c(1)	0	0
(2) U.S. Government securities	1c(2)	0	0
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)	0	0
(B) All other.....	1c(3)(B)	0	0
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)	0	0
(B) Common.....	1c(4)(B)	0	0
(5) Partnership/joint venture interests	1c(5)	0	0
(6) Real estate (other than employer real property).....	1c(6)	0	0
(7) Loans (other than to participants)	1c(7)	0	0
(8) Participant loans.....	1c(8)	100475	178484
(9) Value of interest in common/collective trusts	1c(9)	0	0
(10) Value of interest in pooled separate accounts	1c(10)	0	0
(11) Value of interest in master trust investment accounts	1c(11)	0	0
(12) Value of interest in 103-12 investment entities.....	1c(12)	0	0
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	3066313	6529944
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other.....	1c(15)	0	0

1d Employer-related investments:

		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)	0	0
(2) Employer real property	1d(2)	0	0
e Buildings and other property used in plan operation	1e	0	0
f Total assets (add all amounts in lines 1a through 1e)	1f	3166788	6708428

Liabilities

g Benefit claims payable	1g	0	0
h Operating payables	1h	0	0
i Acquisition indebtedness	1i	0	0
j Other liabilities	1j	0	0
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	0

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	3166788	6708428
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	0	
(B) Participants	2a(1)(B)	1874876	
(C) Others (including rollovers)	2a(1)(C)	1056945	
(2) Noncash contributions	2a(2)	0	2931821
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)	0	
(B) U.S. Government securities	2b(1)(B)	0	
(C) Corporate debt instruments	2b(1)(C)	0	
(D) Loans (other than to participants)	2b(1)(D)	0	
(E) Participant loans	2b(1)(E)	7844	
(F) Other	2b(1)(F)	0	
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		7844
(2) Dividends: (A) Preferred stock	2b(2)(A)	0	
(B) Common stock	2b(2)(B)	0	
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	851079	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		851079
(3) Rents	2b(3)		0
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)	0	
(B) Aggregate carrying amount (see instructions)	2b(4)(B)	0	
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		0
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)	0	
(B) Other	2b(5)(B)	0	
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		0

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		0
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		0
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		0
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		0
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds)	2b(10)		16770
c Other income	2c		0
d Total income. Add all income amounts in column (b) and enter total	2d		3807514

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	246459	
(2) To insurance carriers for the provision of benefits	2e(2)	0	
(3) Other	2e(3)	0	
(4) Total benefit payments. Add lines 2e(1) through (3)	2e(4)		246459
f Corrective distributions (see instructions)	2f		0
g Certain deemed distributions of participant loans (see instructions)	2g		0
h Interest expense	2h		0
i Administrative expenses: (1) Professional fees	2i(1)	0	
(2) Contract administrator fees	2i(2)	0	
(3) Investment advisory and management fees	2i(3)	0	
(4) Other	2i(4)	19415	
(5) Total administrative expenses. Add lines 2i(1) through (4)	2i(5)		19415
j Total expenses. Add all expense amounts in column (b) and enter total	2j		265874

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d	2k		3541640
l Transfers of assets:			
(1) To this plan	2l(1)		0
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unmodified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)? ☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: SENSIBA SAN FILIPPO LLP

(2) EIN: 94-2370906

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.)

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.)

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)			
4c		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....			
4d		X	
e Was this plan covered by a fidelity bond?	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
4f		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4g		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?.....			
4h		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.)	X		
4i	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.)			
4j		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?			
4k		X	
l Has the plan failed to provide any benefit when due under the plan?.....			
4l		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.)	X		
4m	X		
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.	X		
4n	X		

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?..... ☐ Yes ☒ No
If "Yes," enter the amount of any plan assets that reverted to the employer this year _____.

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)	5b(2) EIN(s)	5b(3) PN(s)

5c If the plan is a defined benefit plan, is it covered under the PBGC insurance program (See ERISA section 4021.)? ☐ Yes ☐ No ☐ Not determined
If "Yes" is checked, enter the My PAA confirmation number from the PBGC premium filing for this plan year _____. (See instructions.)

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2019 This Form is Open to Public Inspection.
---	---	--

For calendar plan year 2019 or fiscal plan year beginning <u>01/01/2019</u> and ending <u>12/31/2019</u>		
A Name of plan <u>SHOCKWAVE MEDICAL, INC. 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>	
C Plan sponsor's name as shown on line 2a of Form 5500 <u>SHOCKWAVE MEDICAL, INC.</u>	D Employer Identification Number (EIN) <u>27-0494101</u>	

Part I	Distributions
All references to distributions relate only to payments of benefits during the plan year.	
1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions	1
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>27-3169253</u> <u>04-6568107</u> Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.	
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year	3

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part.)
4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?	☐ Yes ☐ No ☐ N/A
If the plan is a defined benefit plan, go to line 8.	
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.	
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a
b Enter the amount contributed by the employer to the plan for this plan year	6b
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount)	6c
If you completed line 6c, skip lines 8 and 9.	
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes ☐ No ☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?	☐ Yes ☐ No ☐ N/A

Part III	Amendments
9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase ☐ Decrease ☐ Both ☐ No

Part IV	ESOPs (see instructions). If this is not a plan described under section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?	☐ Yes ☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes ☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.)	☐ Yes ☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes ☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year

b The plan year immediately preceding the current plan year

c The second preceding plan year

14a**14b****14c**

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year

b The corresponding number for the second preceding plan year

15a**15b**

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year

b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers

16a**16b**

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

- a** Enter the percentage of plan assets held as:

Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

- b** Provide the average duration of the combined investment-grade and high-yield debt:

☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

- c** What duration measure was used to calculate line 19(b)?

☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

- 20 PBGC missed contribution reporting requirements.** If this is a multiemployer plan or a single-employer plan that is not covered by PBGC, skip line 20.

- a** Is the amount of unpaid minimum required contributions for all years from Schedule SB (Form 5500) line 40 greater than zero? ☐ Yes ☐ No

- b** If line 20a is "Yes," has PBGC been notified as required by ERISA sections 4043(c)(5) and/or 303(k)(4)? Check the applicable box:

☐ Yes.

☐ No. Reporting was waived under 29 CFR 4043.25(c)(2) because contributions equal to or exceeding the unpaid minimum required contribution were made by the 30th day after the due date.

☐ No. The 30-day period referenced in 29 CFR 4043.25(c)(2) has not yet ended, and the sponsor intends to make a contribution equal to or exceeding the unpaid minimum required contribution by the 30th day after the due date.

☐ No. Other. Provide explanation _____

SHOCKWAVE MEDICAL, INC. 401(k) PLAN
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2019
EIN 27-0494101
PLAN NUMBER 001

(a)	(b)	(c)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Current Value
	Mutual funds:		
*	Fidelity Freedom Index 2035 Fund - Investor Class	Mutual Fund	\$ 1,617,470
*	Fidelity Freedom Index 2030 Fund - Investor Class	Mutual Fund	1,613,807
*	Fidelity Freedom Index 2045 Fund - Investor Class	Mutual Fund	907,718
*	Fidelity Freedom Index 2040 Fund - Investor Class	Mutual Fund	690,500
*	Fidelity Freedom Index 2025 Fund - Investor Class	Mutual Fund	618,435
*	Fidelity Freedom Index 2050 Fund - Investor Class	Mutual Fund	313,933
*	Fidelity 500 Index Fund	Mutual Fund	129,154
*	Fidelity Freedom Index 2020 Fund - Investor Class	Mutual Fund	92,684
*	Fidelity Freedom Index 2055 Fund - Investor Class	Mutual Fund	89,740
*	Fidelity Small Cap Index Fund	Mutual Fund	68,427
*	Fidelity Large Cap Growth Index Fund	Mutual Fund	59,135
	American Funds EuroPacific Growth Fund Class R-6	Mutual Fund	53,174
*	Fidelity Mid Cap Index Fund	Mutual Fund	52,517
	BlackRock Mid-Cap Growth Equity Portfolio Class K	Mutual Fund	50,652
	PIMCO Total Return Fund Institutional Class	Mutual Fund	37,621
	JPMorgan Equity Income Fund Class R6	Mutual Fund	33,743
*	Fidelity International Index Fund	Mutual Fund	24,256
*	Fidelity Emerging Markets Index Fund	Mutual Fund	22,857
*	Fidelity U.S. Bond Index Fund	Mutual Fund	22,778
*	Fidelity Freedom Index 2060 Fund - Investor Class	Mutual Fund	18,865
*	Fidelity Real Estate Index Fund	Mutual Fund	8,902
*	Fidelity Freedom Index 2015 Fund - Investor Class	Mutual Fund	3,024
*	Fidelity Freedom Index 2065 Fund - Investor Class	Mutual Fund	552
	Total mutual funds		<u>\$ 6,529,944</u>
*	Notes receivable from participants	6.25%-7.5%, Maturing through 2024	<u>\$ 178,484</u>

* A party-in-interest as defined by ERISA

Column (d), cost, has been omitted as all investments are participant directed

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

**Financial Statements
December 31, 2019 and 2018**

**Together with
Independent Auditors' Report**

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

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December 31, 2019

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INDEPENDENT AUDITORS' REPORT

To the Investment Committee of
Shockwave Medical, Inc. 401(k) Plan

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Shockwave Medical, Inc. 401(k) Plan (the "Plan"), which comprise the statement of net assets available for benefits as of December 31, 2019, and the related statement of changes in net assets available for benefits for the year then ended, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditors' Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR 2520.103-8 of the Department of Labor's ("DOL") Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 ("ERISA"), the Plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 4, which was certified by Mid Atlantic Trust Company and Fidelity Management Trust Company, the custodian and trustee of the Plan, respectively, except for comparing the information with the related information included in the financial statements. We have been informed by the Plan administrator that Mid Atlantic Trust Company held the plan's investment assets and executed investment transactions through November 1, 2019 and that Fidelity Management Trust Company held the Plan's investment assets and executed investment transactions as of December 31, 2019 and for the period from November 1, 2019 to December 31, 2019. The Plan administrator has obtained a certification from the custodian and trustee as of December 31, 2019 and 2018 and for the year ended December 31, 2019 that the information provided to the Plan administrator by the custodian and trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

The supplemental schedule H, line 4i – schedule of assets (held at end of year) as of December 31, 2019 is required by the DOL's Rules and Regulations for Reporting and Disclosure under ERISA and is presented for the purpose of additional analysis and is not a required part of the financial statements. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, we do not express an opinion on the supplemental schedule.

Other Matter - 2018 Financial Statements

The December 31, 2018 financial statements were compiled by us and we did not audit or review those financial statements and, accordingly, express no opinion or other form of assurance on them.

Report on Form and Content in Compliance with DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the custodian and trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the DOL's Rules and Regulations for Reporting and Disclosure under ERISA.

A handwritten signature in black ink that reads "Sensiba Sanfilippo LLP". The signature is written in a cursive, flowing style.

Pleasanton, California
October 5, 2020

SHOCKWAVE MEDICAL, INC. 401(k) PLAN
Statement of Net Assets Available for Benefits

	December 31,	
	2019	2018
	(Audited)	(Compiled)
Investments, at fair value:		
Mutual funds	\$ 6,529,944	\$ 3,066,313
Total investments	6,529,944	3,066,313
Notes receivable from participants	178,484	100,475
Net assets available for benefits	\$ 6,708,428	\$ 3,166,788

The accompanying notes are an integral part of these financial statements

SHOCKWAVE MEDICAL, INC. 401(k) PLAN
Statement of Changes in Net Assets Available for Benefits
For the Year Ended December 31, 2019

Additions to net assets attributed to:

Investment income:

Net appreciation in fair value of investments	\$ 16,770
Dividends and interest	<u>851,079</u>

Total investment income	<u>867,849</u>
-------------------------	----------------

Contributions:

Participants	1,874,876
Rollovers	<u>1,056,945</u>

Total contributions	<u>2,931,821</u>
---------------------	------------------

Other income:

Interest income on notes receivable from participants	<u>7,844</u>
---	--------------

Total additions	<u>3,807,514</u>
-----------------	------------------

Deductions from net assets attributed to:

Benefits paid to participants	(246,459)
Administration and other costs	<u>(19,415)</u>

Total deductions	<u>(265,874)</u>
------------------	------------------

Net increase in net assets	3,541,640
----------------------------	-----------

Net assets available for benefits:

Beginning of year	<u>3,166,788</u>
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End of year	<u><u>\$ 6,708,428</u></u>
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The accompanying notes are an integral part of these financial statements

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 1 - Description of Plan:

The following description of the Shockwave Medical, Inc. 401(k) Plan (the "Plan"), provides only general information. Participants should refer to the Plan agreement for a more complete description of the Plan's provisions.

General - The Plan is a defined contribution plan established by Shockwave Medical, Inc. (the "Company" or "Plan Sponsor") on January 1, 2015, restated on November 1, 2019, and is subject to the provisions of the Employee Retirement Income Security Act of 1974 ("ERISA"). The Plan provides benefits for all eligible employees of the Company.

The Company is the Plan administrator and retains the services of third parties to assist in the administration of the Plan. The Plan's record keeper was RiversEdge Advanced Retirement Solutions ("RiversEdge") and the Plan's custodian was Mid Atlantic Trust Company ("Mid Atlantic") through November 1, 2019. For the remainder of 2019, the trustee and **third party administrator** was Fidelity Management Trust Company ("Fidelity").

Eligibility - Through November 1, 2019, all employees of the employer were eligible to participate in the Plan once they attained the service eligibility requirement of 3 months. Once the service requirements were met, participants were eligible to participate on the next first day of the month.

Effective November 1, 2019, all employees of the employer are eligible to participate in the Plan once they have attained a service eligibility requirement of one month. Once these service requirements have been met, participants will be eligible to participate on the next first day of the month.

Employee contributions - Participants may elect to contribute up to 100% of their compensation subject to the maximum allowed under section 401(k) of the Internal Revenue Code. Participants are also permitted to deposit into the Plan distributions received from other plans (rollovers).

Effective November 1, 2019, the Plan has included an automatic enrollment provision whereby all newly eligible employees are automatically enrolled in the Plan unless they affirmatively elect not to participate in the Plan. Automatically enrolled participants have their deferral rates set initially at 3% of eligible compensation.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 1 - Description of Plan (continued):

Employer matching contributions - The Plan provides for discretionary employer matching contributions to be determined by the employer each payroll period. The Company has the right to discontinue and reinstate the discretionary employer matching contributions. Additionally, the Company may make discretionary non-elective contributions to the Plan. Such discretionary Company contributions are allocated to each participant who is eligible for the Plan, in an amount equal to a percentage of the eligible contributions made during the Plan year. The Company made no discretionary matching or non-elective contributions to the Plan in 2019.

Participants' accounts - Each participant's account is credited with the participant's contribution and allocations of the Company's contributions, and Plan earnings and is charged with an allocation of administrative expenses. Allocations are based on participant earnings or account balances, as defined. The benefit to which a participant is entitled is the benefit that can be provided from the participant's vested account.

Investment options - The Plan provides for investments to be directed by participants into a number of investment options held by the custodian or trustee. Participants may change their investment options daily. Upon enrollment in the Plan, a participant may direct employee contributions in to investment options consisting of mutual funds of varying risks. Earnings of each investment fund are allocated to participant's accounts in proportion to each participant's share of that fund.

Vesting - Participants are immediately vested in their contributions, including rollovers of funds from other qualified retirement plans and earnings thereon. Through November 1, 2019, participants vest 20% in matching and non-elective contributions per year, starting after two years of service, over a six year graded vesting schedule. An employee's vesting percentage increases to 100% if, while employed, the employee dies or becomes disabled.

Effective November 1, 2019, participants are immediately vested in matching and non-elective contributions.

Notes receivable from participants - Participants may borrow from their fund accounts a maximum equal to the lesser of \$50,000 or 50% of their vested account balance. The loans are secured by the balance in the participant's account and bear interest at market financing rates. Loan terms range from one to five years, but may not exceed five years except for loans used for a purchase of a primary residence, which may be repaid over a longer period of up to fifteen years. Principal and interest are paid ratably through payroll deductions.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 1 - Description of Plan (continued):

Payment of benefits - On termination of service due to normal retirement age, disability, death, or termination of employment, the entire balance in the participant's deferral account as well as the participant's vested balance in the Company's contributions may be distributed to the participant in a lump sum payment, rolled over into another qualified plan, or left in the Plan (subject to minimum balance requirements). Unless otherwise instructed by the participant, participants with vested account balances of \$1,000 or less upon separation will receive a lump sum cash payout and participants with vested accounts balances ranging from \$1,000 to \$5,000 will automatically be rolled over to an individual retirement account ("IRA") or another retirement plan eligible to receive rollover contributions.

As an active participant in the Plan, a participant may, upon attaining age 59.5, request the distribution of his or her balance. In addition, a participant may apply for a hardship withdrawal, if he or she is experiencing an immediate and heavy financial need as defined by the specific criteria in the Plan document.

Administrative expenses - The Plan's expenses are paid by either the Plan or the Company, as provided by the Plan document. Expenses paid directly by the Company are excluded from these financial statements. Certain expenses incurred with the general administration of the Plan that are paid by the Plan are recorded as deductions in the accompanying financial statements. Other charges and fees on investments may be assessed against the respective participant account balances.

Forfeited accounts - Forfeitures are retained in the Plan and will first be used to pay administrative expenses. Any remaining forfeitures may be used to reduce future employer contributions. There were no forfeitures in the Plan as of December 31, 2019 and 2018 and there have been no matching contributions during 2019.

Note 2 - Significant accounting policies:

Basis of accounting - The accompanying financial statements of the Plan have been prepared using the accrual basis of accounting in accordance with accounting principles generally accepted ("GAAP") in the United States of America. Contributions from participants are recorded when withheld from the participant. Benefit payments to participants are recorded when paid.

Use of estimates - The preparation of financial statements in conformity with GAAP requires the Plan administrator to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes and schedule. Actual results could differ from those estimates.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 2 - Significant accounting policies (continued):

Investment valuation and income recognition - The Plan's investments are stated at fair value. The shares of registered investment companies are valued at quoted market prices, which represent the net asset values of shares held by the Plan at year-end. Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date.

Fair value measurements - The Plan performs fair value measurements in accordance with Financial Accounting Standards Board ("FASB") Accounting Standards Codification ("ASC") 820, *Fair Value Measurements and Disclosures*. Refer to Note 3 for the fair value measurement disclosures associated with the Plan's investments.

Net appreciation in fair value of investments - The earnings, expenses, realized gains and losses, and unrealized appreciation (depreciation) in registered investments companies and other investments are recorded in the accompanying financial statements as net appreciation in fair value of investments.

Subsequent events - The Plan has evaluated subsequent events through the date that the financial statements were available to be issued which is the date of the independent auditors' report.

Note 3 - Fair value:

The Plan performs fair value measurement in accordance with ASC 820. ASC 820 defines fair value as the price that would be received from selling an asset in an orderly transaction between market participants at the measurement date. The accounting guidance for fair value measurement requires an entity to maximize the use of observable inputs and minimize the use of unobservable inputs when measuring fair value. The standard establishes a fair value hierarchy based on the level of independent, objective evidence surrounding the inputs used to measure fair value. A financial instrument's categorization within the fair value hierarchy is based upon the lowest level of input that is significant to the fair value measurement.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 3 - Fair value (continued):

The fair value hierarchy is as follows:

- Level 1: quoted prices in active markets for identical assets or liabilities;
- Level 2: inputs other than Level 1 that are observable, either directly or indirectly, such as quoted prices in active markets for similar assets or liabilities, quoted prices for identical or similar assets or liabilities in markets that are not active, or other inputs that are observable or can be corroborated by observable market data for substantially the full term of the assets or liabilities; or
- Level 3: unobservable inputs that are supported by little or no market activity and that are significant to the fair value of the assets or liabilities.

The fair value calculation may not be indicative of net realizable value or reflective of future fair values. Furthermore, while the Plan believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

Investments measured at fair value on a recurring basis consisted of mutual funds as of December 31, 2019 and 2018 and have all been determined to be Level 1.

	2019	2018
	(Audited)	(Compiled)
Mutual fund accounts	\$ 6,529,944	\$ 3,066,313
Total investments measured at fair value	<u>\$ 6,529,944</u>	<u>\$ 3,066,313</u>

The Plan's valuation methodology used to measure the fair value of mutual funds were derived from quoted market prices as substantially all of these instruments have active markets.

Note 4 - Investments:

The Plan administrator has elected the method of compliance as permitted by 29 CFR 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under ERISA. Accordingly, as permitted under such election, the Plan administrator instructed the Plan's independent auditors not to perform any auditing procedures with respect to the following information certified by Mid Atlantic Trust Company and Fidelity Management Trust Company, the trustee and custodian of the Plan, respectively, as complete and accurate, except for comparing such information to information included in the Plan's financial statements and supplemental schedule.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 4 - Investments (continued):

The following information included in the financial statements and supplemental schedule was provided by and certified by the Plan's trustee and custodian as complete and accurate:

- Investments as shown in the Statement of Net Assets Available for Benefits as of December 31, 2019 and 2018.
- Notes receivable from participants as shown in the Statement of Net Assets Available for Benefits as of December 31, 2019.
- Investment income and interest income on notes receivable from participants, as shown in the Statement of Changes in Net Assets Available for Benefits for the year ended December 31, 2019.
- Schedule H, Line 4i – Schedule of Assets (Held at End of Year) as of December 31, 2019.

Note 5 - Party-in-interest transactions:

At December 31, 2019, the Plan held investments of approximately \$6,355,000, in Fidelity Management Trust Company's mutual funds. Fidelity, the Plan's trustee, serves as Plan fiduciary and investment manager to the Plan, and therefore, these transactions qualify as party-in-interest transactions. There were no party-in-interest transactions as of December 31, 2018.

Note 6 - Plan termination:

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to provisions of ERISA. In the event of Plan termination, participants will become 100% vested in their employer matching account balances.

Note 7 - Income tax status:

The prototype plan obtained its latest opinion letter on March 31, 2014, in which the Internal Revenue Service stated that the Plan, as then designed, was in compliance with the applicable requirements of the Internal Revenue Code. Subsequent to receiving this opinion letter, the prototype plan was amended. The Plan administrator believes that the amended prototype plan, as adopted by the Company, is operating in compliance with the requirements of the Internal Revenue Code. Therefore, no provision for income taxes has been included in the Plan's financial statements.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN

Notes to Financial Statements

December 31, 2019

Note 8 - Risks and uncertainties:

The Plan provides for investments in various investment securities which, in general, are exposed to various risks, such as interest rate, credit, and overall market volatility risks. Due to the level of risk associated with certain investment securities, it is reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect the amounts reported in the statement of net assets available for benefits and participant account balances.

Note 9 - Subsequent event:

In March 2020, the World Health Organization declared the outbreak of novel coronavirus disease (“COVID-19”) as a pandemic. The COVID-19 outbreak in the United States has caused business disruption both to the Plan sponsor and throughout its customer base and supply chain through mandated and voluntary closings of many businesses. While the disruption is currently expected to be temporary, there is considerable uncertainty around the duration. Therefore, while the Plan sponsor expects this matter to have a financial impact on its operating results, the financial impact to the Plan would be a possible significant depreciation of investments, due to market volatility and reduced or eliminated matching contributions from the Plan sponsor, however given the fluid nature of the outcome of the pandemic, the ultimate impact and duration cannot be reasonably estimated at this time.

In response to the COVID-19 outbreak the U.S. Congress passed, and the President signed into law the Coronavirus Aid, Relief, and Economic Security (“CARES”) Act in March 2020. The CARES Act provides for additional options to participants in regards to amount of and repayment terms for loans, as well as additional options with regard to distributions and repayment of distributions up to a certain limit, defined in the law and over a defined period of time.

SHOCKWAVE MEDICAL, INC. 401(k) PLAN
Schedule H, Line 4i – Schedule of Assets (Held at End of Year)
December 31, 2019
EIN 27-0494101
PLAN NUMBER 001

(a)	(b)	(c)	(e)
	Identity of Issue, Borrower, Lessor, or Similar Party	Description of Investment, Including Maturity Date, Rate of Interest, Collateral, Par or Maturity Value	Current Value
	Mutual funds:		
*	Fidelity Freedom Index 2035 Fund - Investor Class	Mutual Fund	\$ 1,617,470
*	Fidelity Freedom Index 2030 Fund - Investor Class	Mutual Fund	1,613,807
*	Fidelity Freedom Index 2045 Fund - Investor Class	Mutual Fund	907,718
*	Fidelity Freedom Index 2040 Fund - Investor Class	Mutual Fund	690,500
*	Fidelity Freedom Index 2025 Fund - Investor Class	Mutual Fund	618,435
*	Fidelity Freedom Index 2050 Fund - Investor Class	Mutual Fund	313,933
*	Fidelity 500 Index Fund	Mutual Fund	129,154
*	Fidelity Freedom Index 2020 Fund - Investor Class	Mutual Fund	92,684
*	Fidelity Freedom Index 2055 Fund - Investor Class	Mutual Fund	89,740
*	Fidelity Small Cap Index Fund	Mutual Fund	68,427
*	Fidelity Large Cap Growth Index Fund	Mutual Fund	59,135
	American Funds EuroPacific Growth Fund Class R-6	Mutual Fund	53,174
*	Fidelity Mid Cap Index Fund	Mutual Fund	52,517
	BlackRock Mid-Cap Growth Equity Portfolio Class K	Mutual Fund	50,652
	PIMCO Total Return Fund Institutional Class	Mutual Fund	37,621
	JPMorgan Equity Income Fund Class R6	Mutual Fund	33,743
*	Fidelity International Index Fund	Mutual Fund	24,256
*	Fidelity Emerging Markets Index Fund	Mutual Fund	22,857
*	Fidelity U.S. Bond Index Fund	Mutual Fund	22,778
*	Fidelity Freedom Index 2060 Fund - Investor Class	Mutual Fund	18,865
*	Fidelity Real Estate Index Fund	Mutual Fund	8,902
*	Fidelity Freedom Index 2015 Fund - Investor Class	Mutual Fund	3,024
*	Fidelity Freedom Index 2065 Fund - Investor Class	Mutual Fund	552
	Total mutual funds		<u>\$ 6,529,944</u>
*	Notes receivable from participants	6.25%-7.5%, Maturing through 2024	<u>\$ 178,484</u>

* A party-in-interest as defined by ERISA

Column (d), cost, has been omitted as all investments are participant directed