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SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

**SCHEDULE 13D**  
**(Rule 13d-101)**

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT  
TO RULE 13d-1(a) AND AMENDMENTS THERETO FILED  
PURSUANT TO RULE 13d-2(a)

(Amendment No. 1)

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**ReShape Lifesciences Inc.**

(Name of Issuer)

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**Common Stock, par value \$0.01 per share**

(Title of Class of Securities)

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**761123108**

(CUSIP Number)

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HealthCor Partners Management, L.P.  
1325 Avenue of the Americas, 27th Floor  
New York, New York 10019  
Attention: Jeffrey C. Lightcap  
(212) 622-7731

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(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

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**June 8, 2018**

(Dates of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition which is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box .

*Note:* Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 13d-7(b) for other parties to whom copies are to be sent.

The information required on the remainder of this cover page shall not be deemed "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 or otherwise subject to the liabilities of that section of the Act by shall be subject to all other provisions of the Act (however, see the *Notes*).

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1	NAME OF REPORTING PERSON <b>HealthCor Partners Management, L.P.</b>		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY		
4	SOURCE OF FUNDS <b>AF</b>		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER <b>0</b>	
	8	SHARED VOTING POWER <b>349,139</b>	
	9	SOLE DISPOSITIVE POWER <b>0</b>	
	10	SHARED DISPOSITIVE POWER <b>349,139</b>	
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>349,139</b>		
12	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
14	TYPE OR REPORT PERSON <b>PN</b>		

1	NAME OF REPORTING PERSON <b>HealthCor Partners Management GP, LLC</b>		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY		
4	SOURCE OF FUNDS <b>AF</b>		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER <b>0</b>	
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
14	TYPE OR REPORT PERSON <b>OO – limited liability company</b>		

1	NAME OF REPORTING PERSON <b>HealthCor Partners II, L.P.</b>		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY		
4	SOURCE OF FUNDS <b>AF</b>		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER <b>0</b>	
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
14	TYPE OR REPORT PERSON <b>PN</b>		

1	NAME OF REPORTING PERSON <b>HealthCor Partners Fund II, L.P.</b>		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY		
4	SOURCE OF FUNDS <b>WC</b>		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
6	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Delaware</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER <b>0</b>	
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
14	TYPE OR REPORT PERSON <b>PN</b>		

1	NAME OF REPORTING PERSON <b>HealthCor Partners GP, LLC</b>		
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
3	SEC USE ONLY		
4	SOURCE OF FUNDS <b>AF</b>		
5	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
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13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
14	TYPE OR REPORT PERSON <b>OO – limited liability company</b>		

<b>1</b>	NAME OF REPORTING PERSON <b>Arthur Cohen</b>		
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY		
<b>4</b>	SOURCE OF FUNDS <b>AF</b>		
<b>5</b>	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION <b>United States</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	<b>7</b>	SOLE VOTING POWER	<b>0</b>
	<b>8</b>	SHARED VOTING POWER	<b>349,139</b>
	<b>9</b>	SOLE DISPOSITIVE POWER	<b>0</b>
	<b>10</b>	SHARED DISPOSITIVE POWER	<b>349,139</b>
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<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
<b>14</b>	TYPE OR REPORT PERSON <b>IN</b>		

<b>1</b>	NAME OF REPORTING PERSON <b>Joseph Healey</b>		
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY		
<b>4</b>	SOURCE OF FUNDS <b>AF</b>		
<b>5</b>	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
<b>6</b>	CITIZENSHIP OR PLACE OF ORGANIZATION <b>United States</b>		
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<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
<b>14</b>	TYPE OR REPORT PERSON <b>IN</b>		



<b>1</b>	NAME OF REPORTING PERSON <b>Jeffrey C. Lightcap</b>		
<b>2</b>	CHECK THE APPROPRIATE BOX IF A MEMBER OF THE GROUP		(a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>
<b>3</b>	SEC USE ONLY		
<b>4</b>	SOURCE OF FUNDS <b>AF</b>		
<b>5</b>	CHECK BOX IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) OR 2(e) <input type="checkbox"/>		
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	<b>8</b>	SHARED VOTING POWER	<b>349,139</b>
	<b>9</b>	SOLE DISPOSITIVE POWER	<b>0</b>
	<b>10</b>	SHARED DISPOSITIVE POWER	<b>349,139</b>
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<b>13</b>	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW(11) <b>11.5%</b>		
<b>14</b>	TYPE OR REPORT PERSON <b>IN</b>		

**Schedule 13D**

This Amendment No. 1 (this “Amendment”) amends and supplements the beneficial ownership statement on Schedule 13D originally filed on June 5, 2018 (the “Original Statement”) on behalf of HealthCor Partners Management, L.P., HealthCor Partners Management GP LLC, HealthCor Partners II L.P., HealthCor Partners Fund II, L.P., HealthCor Partners GP, LLC, Arthur Cohen, Joseph Healey and Jeffrey C. Lightcap. The Original Statement, as amended by this Amendment (the “Statement”) relates to the shares of Common Stock of ReShape Lifesciences Inc., par value \$0.01 per share (the “Common Stock”).

Capitalized terms used herein but not defined shall have the meanings ascribed to them in the Original Statement. This Amendment amends the Original Statement as specifically set forth herein. Except as set forth below, all previous Items in the Original Statement remain unchanged.

This Amendment is being filed to reflect the resignation of Michael Y. Mashaal, M.D., from the Issuer’s Board of Directors, and to update the percentage ownership of the Reporting Persons resulting solely from an increase in the number of shares outstanding as reported by the Issuer.

**Item 4. Purpose of Transaction.**

Item 4 of the Original Statement is hereby supplemented as follows:

On June 8, 2018, Michael Y. Mashaal, M.D. resigned from the Issuer’s Board of Directors.

**Item 5. Interest in Securities of the Issuer.**

The first paragraph of Item 5 of the Original Statement is hereby amended and restated as follows:

“(a) The Reporting Persons beneficially own an aggregate of 349,139 shares of Common Stock. This aggregate amount represents approximately 11.5% of the Issuer’s outstanding common stock, based upon 2,870,320 shares of Common Stock outstanding as of June 8, 2018, as reported on the Issuer’s prospectus supplement filed on June 8, 2018 in connection with the offer and sale of certain equity securities.”

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**SIGNATURES**

After reasonable inquiry and to the best of their knowledge and belief, the undersigned certify that the information set forth in this Statement is true, complete and correct.

Date: June 12, 2018

**HEALTHCOR PARTNERS MANAGEMENT, L.P.**

By: HealthCor Partners Management GP, LLC, its general partner

By: /s/ Jeffrey C. Lightcap  
Name: Jeffrey C. Lightcap  
Title: Managing Member

**HEALTHCOR PARTNERS II, L.P.  
for itself and as general partner on behalf of  
HEALTHCOR PARTNERS FUND II, LP**

By: HealthCor Partners GP, LLC, its general partner

By: /s/ Jeffrey C. Lightcap  
Name: Jeffrey C. Lightcap  
Title: Managing Member

**HEALTHCOR PARTNERS MANAGEMENT GP, LLC**

By: /s/ Jeffrey C. Lightcap  
Name: Jeffrey C. Lightcap  
Title: Managing Member

**HEALTHCOR PARTNERS GP, LLC**

By: /s/ Jeffrey C. Lightcap  
Name: Jeffrey C. Lightcap  
Title: Managing Member

**JEFFREY C. LIGHTCAP, Individually**

/s/ Jeffrey C. Lightcap

**ARTHUR COHEN, Individually**

/s/ Arthur Cohen

**JOSEPH HEALEY, Individually**

/s/ Joseph Healey

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